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ABSTRACT

State and national FY90 data are aggregated from individual public libraries in the United States. These data were collected under the third annual census of the Federal-State Cooperative System (FSCS) in July of 1991. Respondents for this voluntary census were 8,978 public libraries identified in the 50 states and the District of Columbia by state library agencies. This report begins by presenting highlights of the findings. The introduction then describes the universe represented by the data, data collection and use of technology, quality review, and unit and item responses to the survey. Also included are caveats for using the data, information for ordering related machine-readable data and publications, and a source for additional information on public library statistics. (It is noted that data on individual libraries, which are not included in this report, will be available on diskette.) The data are presented in 15 pairs of tables, which make up the major part of the report. These tables summarize information that was supplied to National Center for Education Statistics (NCES) in machine-readable format by state library agencies on a voluntary basis. The information includes data on staffing, service outlets, operating income and expenditures, size of collection, and service measures such as reference transactions, interlibrary loans, circulation, and public service hours. Four appendices provide information on the background of the Federal-State Cooperative System (FSCS); data error messages and historical data check criteria; a nationwide item non-response chart; and data element specifications for 1990. (BBM)

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E.D. TABS

June 1992

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Public Libraries in the U.S.: 1990

U.S. Department of Education
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IR 054 161

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NATIONAL CENTER FOR EDUCATION STATISTICS

E.D. TABS June 1992

Public Libraries in the U.S.: 1990

Adrienne Chute
Postsecondary Education Statistics Division
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U.S. Department of Education
Office of Educational Research and Improvement NCES 92-028

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June 1992

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Highlights

The numbers and percentages in the following highlights are based entirely on reporting public libraries. There was no imputation for public libraries that did not respond or for items left blank. The percent of public libraries not responding was less than 1 percent. Nationwide item non-response rates varied from zero to 31 percent. These are available in appendix C. The percentage of public libraries not responding to a given item also varies across states, ranging from zero to 100 percent, and across subcategories at the national level. Therefore, the reader should be careful in making inferences about a total, average, or ratio when it is based on a low response rate. The impact of nonresponse, especially on totals, can be significant. For further details, see Caveats for Using these Data--Using the Data to Make Comparisons.

- There were 8,978 public libraries reported in the 50 states and the District of Columbia in 1990 (table 1).

- About 72 percent of the population of legally served areas in the United States is served by 943 (about 11 percent) public libraries and their outlets. All of these public libraries have legal service areas of 50,000 or more population (table 1A).

- About 16 percent of public libraries reported one or more branch libraries, with a total of 6,562 branches. The total number of library buildings reported (central libraries and branches) was 15,438. Just over 10 percent of public libraries reported one or more bookmobiles. The total number of bookmobiles reported was 1,102 (table 2).

- Public libraries reported a total of 108,246 paid full time equivalent (FTE) staff (table 3).

- Total operating expenditures for public libraries were about $4.1 billion in 1990. Of this about 63 percent was expended for paid FTE staff and about 16 percent on the library collection. The United States total per capita operating expenditures for library legal service area population was $16.28. The highest state was $31.58 and the lowest was $6.44 (table 7).

- About 45 percent of public libraries reported operating expenditures of less than $50,000 in 1990, about 36 percent expended between $50,000 and $399,000, and nearly 19 percent exceeded $400,000 (table 8).

- Nationwide, public libraries reported over 613 million book and serial volumes in their collections or just over 2.5 volumes per capita of legal service area population. The highest state was 4.88 and the lowest was 1.49 (table 11) .

- Reporting public libraries covering service areas of less than 1,000 averaged 11.82 volumes per capita, while those covering 1,000,000 or more averaged 2.13 volumes per capita (table 11A).

- Nationwide, public libraries reported collections of over 18 million audio materials, just over 702,000 films, and, nearly 3.8 million video materials, totaling just over 636 million physical units (table 11).

- Public libraries reported nationwide annual library visits of nearly 507 million, an average of 3.13 per capita of legal service area population and reference transactions of over 201 million, an average of 0.92 per capita (table 14).

- Per capita library visits were 6.01 for public libraries covering service areas of less than 1,000 and 2.26 for those that covered 1 million or more (table 14A).

- Total nationwide circulation of library materials was nearly 1.4 billion or 5.75 per capita of legal service area. Highest circulation per capita was 10.21 and lowest was 2.98 (table 15).

- Per capita circulation for public libraries covering service areas of less than 1,000 was 10.04, and 3.52 for those that covered 1 million or more (table 15A).

- Nationwide, library materials loaned by public libraries to other libraries were nearly 4.6 million (table 15).

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Introduction

This E.D. TABS presents FY 90 state and national data aggregated from individual public libraries in the United States. These data were collected under the third annual census of the Federal-State Cooperative System (FSCS) in July of 1991. This E.D. TABS includes information about staffing, service outlets, operating income and expenditures, size of collection, and service measures such as reference transactions, interlibrary loans, circulation, and public service hours. Although individual public library data were not included in this E.D. TABS, they will soon be available on diskette. Appendix A provides information on the background of FSCS.

Technical Notes

The Universe

The tables in this E.D. TABS summarize information about public libraries in FY 90. This information was supplied to NCES by state library agencies in machine-readable format through the FSCS for public library data.

FSCS is a cooperative system through which states submit individual public library data to NCES on a voluntary basis. At the state level, FSCS is administered by State Data Coordinators, appointed by the Chief Officer of each State Library Agency. The State Data Coordinator collects the requested data from local public libraries and submits these data to NCES. In the 1991 submission year, all 50 states and the District of Columbia submitted data.

The respondents for this voluntary census were the 8,978 public libraries identified in the 50 states and the District of Columbia, by state library agencies. Data were not systematically collected from public libraries on Indian reservations. Data were not collected from military libraries that provide public library services.

Data Collection and Use of Technology

FSCS data is usually only one part of the data most states collect from their local public libraries. Generally, states collect these data using paper forms, rather than in machine readable form.

NCES has developed personal computer software, known as DECTOP (data entry, conversion, table, output program), for this census. States can use DECTOP for direct data entry (from questionnaires used with the local public libraries) or to assemble their existing machine readable data in a given format (e.g. Lotus 1-2-3, dBase, or ASCII). States also may use DECTOP to edit their data before submitting them to NCES on data diskette. DECTOP is then used by NCES to merge files from all 50 states and the District of Columbia, edit them, and produce the tables in this ED TABS.

Quality Review

With this collection, a permanent system for internal (state) and external (NCES) review of FSCS data entry and of the editing process was established. Prior to data submission, NCES, its contractors, and members of the FSCS Steering Committee provided technical assistance to states. Some pre-editing of local public library data was completed by some State Data Coordinators.

During data entry, DECTOP automatically performed error checks and provided error messages and warnings to the user. The user was alerted to four types of errors based on criteria specified in advance. For example, relational errors indicated that two or more related data elements were not within an acceptable calculated limit. These included, for example, "Total Operating Expenditures" being less than 75 percent of "Total Operating Income" or "ALA-MLS" being greater than "Total Librarians."

Out-of-range error messages were provided (e.g., "Average Public Service Hours per Outlet is less than 10"). In addition, DECTOP software automatically checked reported totals by summing particular sections during data entry, to verify that totals were correct. An historical data check also was performed automatically. This step compared changes in data reported for certain data elements between 1991 and 1990 submission years. Changes outside an acceptable range were identified. For additional information on editing, see appendix B, which provides listings of DECTOP software data error messages and historical data
check criteria.

States could also perform data editing after data entry, generating an output error listing. States could also generate state summary tables. These DECTOP features allowed states to correct their data before submitting them to NCES. After State Data Coordinators prepared the FSCS submissions, Chief Officers of State Library Agencies signed forms authorizing their state's submission. In August and September 1991, NCES, with the assistance of the FSCS Steering Committee, systematically performed nonresponse followup of states.

NCES staff conducted two major data editing operations, working directly with State Data Coordinators. In August and September, 1991, and before the state data files were merged, NCES ran DECTOP edits (the same error and historical checks described above) and mailed the results to each state for verification, correction and comment. This effort highlighted data quality issues for states. After the files for the 50 states and the District of Columbia were merged, preliminary ED tabulations were run and reviewed by NCES and the FSCS Steering Committee in October 1991.

Finally, NCES staff, with the assistance of Dr. E. Walter Terrie of the Center for Study of Population, Florida State University, performed systematic analysis of missing entries and data "outliers". The results of this analysis were mailed to states in early December 1991 for correction, comment, and final review prior to publication. Each state reviewed only its own data.

Response

Unit Response. Of the 8,978 public libraries identified by the states, 68 or less than 1 percent of public libraries provided identifying information, but no data. Note that these 68 public libraries are included in the data (including the total 8,978) presented under the column Number of Public Libraries in every table, except table 1A. Preliminary data from PLUS (public library universe system) suggest that there are around 9,060 public libraries in the United States, about 1 percent greater than the number reported in this study. Some states differ to a greater degree than other states in the number of public libraries shown under DECTOP and PLUS. Further reconciliation between DECTOP and PLUS will be conducted after data
editing is completed on PLUS.

An automated system, PLUS includes identifying information on every public library (including outlets, all state libraries, and some library systems and cooperatives). This resource will be used to improve FSCS data quality and beginning in FY 93 for drawing samples for surveys of topical interest in public libraries. FSCS plans to merge DECTOP and PLUS in 1992.

Item Response. Some states did not collect all FSCS data elements from their local public libraries, and some public libraries did not respond to all the FSCS data elements requested by their states. If the data element was not collected or was "not applicable", this has been indicated in these tables by a dash (-). If the public libraries in a state had none of the data element, this has been shown in the table as a zero (0). For example, several states did not collect data on the number of librarians with an MLS. This has been indicated in the tables with a dash. If states collected this information, but simply had no librarians with an MLS, this would be indicated in the tables with a zero (0).

In November 1991, an analysis of DECTOP item nonresponse rates was completed by Dr. E. Walter Terrie. For individual data elements, nationwide item nonresponse rates among public libraries exceeded 15 percent for only two data elements, Reference Transactions and Attendance. The nationwide item nonresponse rate for Reference Transactions was 1.5 percent. The nationwide item nonresponse rate for Attendance In Library was 31.61 percent. NCES standards note that variables with more than 30 percent missing data should not be used in analysis. Dr. Terrie's analysis was based on the DECTOP data base as of November 1991 and data for a handful of public libraries were submitted after that. A chart that identifies nationwide item nonresponse rates for each of the 39 data elements, compiled from this analysis, is provided in appendix C.

Caveats for Using these Data

Using the Data to Make Comparisons

Totals, averages, and ratios shown in the tables represent only the responses for public libraries for which data were supplied by the state library agencies. These would be different if each public library responded to every item. Totals in the tables can be significantly underestimated if the size of nonresponse is large.

The impact of nonresponse on averages and ratios is typically less serious. The tables show the number of public libraries responding to a data element or to one or more of a group of data elements. In computing ratios of one data element to another, only data for those public libraries responding to both data elements were used in the computation. The number of public libraries responding to both data elements may be different from the number responding to the individual data elements.

Because of nonresponse, and for other reasons of noncomparability due to variations in reporting period and definitions, one should be careful in making comparisons across categories, states, or with previously published data. If one is comparing these 1990 data with the published 1989 data, it should be noted that response rates for 1989 were generally lower than those for 1990. This implies that 1989 totals will generally be smaller than the comparable 1990 totals.

Reporting Period

One methodological issue in using these data is the time period covered by the data. The FSCS definition for reporting period is the latest 12 months for which data are available for each public library. This definition allows for several different reporting periods within a state and among states. There were 9 different reporting periods used by states for these 1990 data. Collectively, these spanned a 2-year time period (January 1, 1989-December 31, 1990). These are provided below along with the number and names of states that reported under each time period. Texas provided 1989 rather than 1990 data. Five states provided 12 months of data within an 18 month time span, and 1 state provided 12 months of data within a 21 month time span. Their data are presented in the tables as reported. Because of the lack of a consistent time period it is recommended that the data user exercise caution in comparing data between individual states.

The following 24 states' data was reported for the July 1, 1989-June 30, 1990 time period: Alaska, Arizona, Arkansas, California, Connecticut, Delaware, Georgia, Hawaii, Iowa, Kentucky, Maryland, Massachusetts, Montana, Nevada, New Mexico, North Carolina, Oklahoma, Oregon, Rhode Island, South Carolina, Tennessee, Virginia, West Virginia, and Wyoming.

The following 14 states' data was reported for the January 1, 1990-December 31, 1990 time period: Colorado, Indiana, Kansas, Louisiana, Minnesota, Missouri, New Hampshire, New Jersey, New York, North Dakota, Ohio, South Dakota, Washington, and Wisconsin.

The following five states' data was reported for the October 1, 1989-September 30, 1990 time period: Alabama, District of Columbia, Florida, Idaho, and Mississippi.

The following four states' data was reported for the January 1, 1989-June 30, 1990 time period: Illinois, Maine, Pennsylvania, and Vermont.

The following four states had unique reporting periods: Michigan (about 11 reporting periods); Nebraska (January 1, 1989-September 30, 1990); Texas (January 1, 1989-December 31, 1989); and Utah (July 1, 1989-December 31, 1990).

Definitions

This census collected data on 39 data elements, including 32 basic data items and 7 library identification fields. The FSCS definitions that NCES provided for this data collection are shown in appendix D, Data Element Specifications for FY 90 data.

The definitions actually used by some states in collecting data from their local public libraries, however, may not be consistent with FSCS definitions. A scan of definitions on forms used by states to collect FY 90 data suggested that there were differences between FSCS definitions and those used on a number of states' instruments. A subcommittee of the FSCS Steering Committee is working on consistency of definitions among states.

Public Library. The FSCS definition of a public library is "an entity that provides all of the following: a.) an organized collection of printed or other library materials, or a combination thereof; b.) a staff to provide and interpret such materials as required to meet the informational, cultural, recreational, and educational needs of a clientele; c.) an established schedule in which services of the staff are available to clientele; and d.) the facilities necessary to support such a collection, staff, and schedule. A public library is established under state enabling laws or regulations to serve the residents of a community, district, or region."

For purposes of the FSCS data collection, state law prevails in the identification of a public library. Thus, not all states' definitions are the same as the FSCS definition.

Population of the Legal Service Area

Another methodological issue is that DECTOP's calculated total for population of the legal service area of each library in a state may, in some cases exceed the state's population. This is because adjacent libraries may count the same population. For example, a county library and a city library within the same county may both receive income from the same city, so both may serve and count the same population. Therefore, because the same population has been counted twice, calculated totals for reported population of the legal service area by state or for the nation may exceed their actual populations. For this reason, each state library agency was given the opportunity to provide an unduplicated population of the legal service area, to replace the calculated total for population of the legal service area. Fourteen states elected this option. These states are California, Colorado, Idaho, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, South Carolina,

Tennessee, Texas, Utah, Vermont, and West Virginia. Unduplicated population of the legal area is the total unduplicated population of those areas in a state that receive public library service. The populations of unserved areas are not included in this figure. In these E.D. TABS, the unduplicated population of the legal service area has been used for the 14 states that provided it, in reporting the total population of the legal service area.

Per Capita Figures Shown in Tables 11, 11A, 14, 14A, 15, and 15A.

Note that the total population of legal service area figure was calculated differently when used to compute per capita figures in base and A tables. Thus, per capita figures may be different in base and A tables. For state totals in base tables, a total population of the legal service area was calculated. This was done by one of two methods: 1) the state could sum the values of the reported population of the legal service area for each public library in the state; or 2) the state could override the calculated total of method 1 by providing a total unduplicated population of the legal service area. In addition, an accumulated population based on summing the population of the legal service area for responding libraries was calculated. The total population of the legal service area for the state was then compared with its accumulated population. The lowest of the two was used as the divisor for per capita calculations for base tables.

For national totals in base tables, the total population of the legal service area was calculated by summing the total population of the legal service area calculated total for each state. An
accumulated population total for the United States was calculated by summing the accumulated population total for each state. The lowest of the two totals was used as the divisor for per capita calculations for base tables.

For state and national totals in A tables, a total accumulated population was calculated based on summing the total accumulated population for each state. The total accumulated population was used as the divisor for per capita calculations.

Ordering Machine-Readable Data and Publications

The 1989 data are available on a 5 1/4" high-density, floppy computer diskette in ASCII format. The file may be purchased for $75 from the U.S. Department of Education, Office of Educational Research and Improvement, Data Systems Branch, 555 New Jersey Avenue NW, Washington, DC 20208-5725. The 1990 data file will be available soon. For information about either computer diskette file, phone Jack Dusatko (202) 219-1522.

Additional Information

Additional information on public library statistics can be obtained from Carrol Kindel or Adrienne Chute, Postsecondary Education Statistics Division, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208-5652; telephone (202) 219-1371 or 219-1772.

Acknowledgments

The production of a census of this magnitude has been a team effort. It would not have been accomplished without the support of the following individuals and organizations: the local public librarians who provided the data; the FSCS State Data Coordinators; and the Chief Officers of State Library Agencies who coordinated the data at the state level. Thanks also to present and past members of the FSCS Steering Committee which led the effort. They are: Jane Ouderkirk, Connecticut State Library; Darla Cottrill, State Library of Ohio; Jan Feye-Stukas, Minnesota Department of Education; Keith Curry Lance, Colorado State Library; Libby Law, South Carolina State Library; Mary Jo Lynch, American Library Association; Joseph Shubert, New York State Library; E. Walter Terrie, Florida State University; Jan Walsh, Washington State Library; Gerry Rowland, State Library of Iowa; Peggy Rudd, Virginia State Library & Archives; Adrienne Chute, NCES; Carrol Kindel, NCES; Ron Hall, NCES; Larry LaMoure and Art Podolsky, recently retired from NCES; John Lorenz, NCLIS; Peter Young, NCLIS; and Mary Alice Hedge Reszetar, NCLIS. Others who contributed to this effort include: the American Library Association (ALA); the Chief Officers of State Library Agencies (COSLA); the National Commission on Libraries and Information Science (NCLIS); and subcontractors Pinkerton (John Wunderly) and Peace Technology (Andrew Chen). Thanks to one and all for your enthusiastic support.

TABLES

Table 1.--Number and percentage of public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to population of legal service area	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Total***	8,978	8,889	242,406,834	951	1,667	1,384	1,455	1,638	851	499	291	83	50	20
Percentage		100.0		10.7	18.8	15.6	16.4	18.4	9.6	5.6	3.3	0.9	0.6	0.2
Alabama	206	201	4,080,104	17	38	35	35	38	18	14	4	2	0	0
Percentage		100.0		8.5	18.9	17.4	17.4	18.9	9.0	7.0	2.0	1.0		
Alaska	81	81	507,254	47	14	8	4	5	1	1	1	0	0	0
Percentage		100.0		58.0	17.3	9.9	4.9	6.2	1.2	1.2	1.2			
Arizona	91	88	3,655,800	7	20	17	17	8	7	5	4	1	2	0
Percentage		100.0		8.0	22.7	19.3	19.3	9.1	8.0	5.7	4.5	1.1	2.3	
Arkansas	37	35	2,234,259	0	0	0	1	8	7	13	5	1	0	0
Percentage		100.0					2.9	22.9	20.0	37.1	14.3	2.9		
California	168	168	28,669,418	1	3	1	6	27	32	40	36	9	8	5
Percentage		100.0		0.6	1.8	0.6	3.6	16.1	19.0	23.8	21.4	5.4	4.8	3.0
Colorado	124	124	3,294,394	15	19	26	24	17	7	6	7	3	0	0
Percentage		100.0		12.1	15.3	21.0	19.4	13.7	5.6	4.8	5.6	2.4		
Connecticut	194	194	3,777,018	1	20	28	45	57	20	18	5	0	0	0
Percentage		100.0		0.5	10.3	14.4	23.2	29.4	10.3	9.3	2.6			
Delaware	29	29	682,865	0	0	3	11	7	4	4	0	0	0	0
Percentage		100.0				10.3	37.9	24.1	13.8	13.8				
District of Columbia	1	1	622,600	0	0	0	0	0	0	0	0	0	1	0
Percentage		100.0											100.0	
Florida	119	119	12,643,394	1	7	11	12	27	18	15	15	7	4	2
Percentage		100.0		0.8	5.9	9.2	10.1	22.7	15.1	12.6	12.6	5.9	3.4	1.7
Georgia	53	53	6,647,106	0	0	0	0	9	6	19	12	5	2	0
Percentage		100.0						17.0	11.3	35.8	22.6	9.4	3.8	
Hawaii	1	1	1,112,100	0	0	0	0	0	0	0	0	0	0	1
Percentage		100.0												100.0
Idaho	107	107	826,564	24	28	20	20	6	7	1	1	0	0	0
Percentage		100.0		22.4	26.2	18.7	18.7	5.6	6.5	0.9	0.9			
Illinois	603	603	10,114,305	46	147	114	95	118	56	22	4	0	0	1
Percentage		100.0		7.6	24.4	18.9	15.8	19.6	9.3	3.6	0.7			0.2
Indiana	238	238	5,246,719	6	47	45	46	49	22	12	9	1	1	0
Percentage		100.0		2.5	19.7	18.9	19.3	20.6	9.2	5.0	3.8	0.4	0.4	

See footnotes at end of table.

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Table 1.--Number and percentage of public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to population of legal service area	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Iowa	500	500	2,711,844	79	229	94	48	30	11	7	2	0	0	0
Percentage		100.0		15.8	45.8	18.8	9.6	6.0	2.2	1.4	0.4			
Kansas	318	318	2,002,034	135	86	50	16	18	7	2	2	2	0	0
Percentage		100.0		42.5	27.0	15.7	5.0	5.7	2.2	0.6	0.6	0.6		
Kentucky	115	115	3,617,889	0	1	1	20	56	25	9	2	0	1	0
Percentage		100.0			0.9	0.9	17.4	48.7	21.7	7.8	1.7		0.9	
Louisiana	64	64	4,194,791	0	0	0	5	21	17	12	6	3	0	0
Percentage		100.0					7.8	32.8	26.6	18.8	9.4	4.7		
Maine	238	238	1,010,100	47	80	55	39	14	2	1	0	0	0	0
Percentage		100.0		19.7	33.6	23.1	16.4	5.9	0.8	0.4				
Maryland	24	24	4,580,200	0	0	0	0	3	6	5	5	1	4	0
Percentage		100.0						12.5	25.0	20.8	20.8	4.2	16.7	
Massachusetts	374	374	6,378,740	28	49	47	73	102	54	18	2	0	1	0
Percentage		100.0		7.5	13.1	12.6	19.5	27.3	14.4	4.8	0.5		0.3	
Michigan	376	376	9,295,740	7	30	90	93	85	32	19	16	2	1	1
Percentage		100.0		1.9	8.0	23.9	24.7	22.6	8.5	5.1	4.3	0.5	0.3	0.3
Minnesota	130	130	4,373,026	12	39	17	17	16	10	6	9	3	1	0
Percentage		100.0		9.2	30.0	13.1	13.1	12.3	7.7	4.6	6.9	2.3	0.8	
Mississippi	46	46	2,636,900	0	0	0	2	10	14	15	4	1	0	0
Percentage		100.0					4.3	21.7	30.4	32.6	8.7	2.2		
Missouri	155	155	4,570,998	9	31	27	27	32	11	10	4	2	2	0
Percentage		100.0		5.8	20.0	17.4	17.4	20.6	7.1	6.5	2.6	1.3	1.3	
Montana	82	82	809,325	11	20	14	16	14	3	3	1	0	0	0
Percentage		100.0		13.4	24.4	17.1	19.5	17.1	3.7	3.7	1.2			
Nebraska	264	263	1,310,492	115	86	25	20	9	6	0	1	1	0	0
Percentage		100.0		43.7	32.7	9.5	7.6	3.4	2.3		0.4	0.4		
Nevada	26	26	1,334,350	5	3	3	4	4	3	2	0	1	1	0
Percentage		100.0		19.2	11.5	11.5	15.4	15.4	11.5	7.7		3.8	3.8	
New Hampshire	228	227	1,109,117	48	60	60	34	15	8	2	0	0	0	0
Percentage		100.0		21.1	26.4	26.4	15.0	6.6	3.5	0.9				
New Jersey	311	311	7,673,191	0	13	32	86	101	45	19	11	4	0	0
Percentage		100.0			4.2	10.3	27.7	32.5	14.5	6.1	3.5	1.3		

See footnotes at end of table.

Table 1.--Number and percentage of public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to population of legal service area	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
New Mexico	68	67	1,186,805	16	11	11	11	8	7	1	1	1	0	0
Percentage		100.0		23.9	16.4	16.4	16.4	11.9	10.4	1.5	1.5	1.5		
New York	760	760	17,558,072	91	167	136	118	124	68	27	11	9	3	6
Percentage		100.0		12.0	22.0	17.9	15.5	16.3	8.9	3.6	1.4	1.2	0.4	0.8
North Carolina	73	73	6,786,088	0	0	1	2	4	20	23	18	4	1	0
Percentage		100.0				1.4	2.7	5.5	27.4	31.5	24.7	5.5	1.4	
North Dakota	95	55	470,898	15	20	2	7	6	2	3	0	0	0	0
Percentage		100.0		27.3	36.4	3.6	12.7	10.9	3.6	5.5				
Ohio	250	250	10,847,115	1	4	16	65	76	45	25	10	3	5	0
Percentage		100.0		0.4	1.6	6.4	26.0	30.4	18.0	10.0	4.0	1.2	2.0	
Oklahoma	106	106	2,735,600	4	29	23	21	16	4	4	3	0	2	0
Percentage		100.0		3.8	27.4	21.7	19.8	15.1	3.8	3.8	2.8		1.9	
Oregon	125	125	2,597,393	14	26	14	21	29	10	7	3	0	1	0
Percentage		100.0		11.2	20.8	11.2	16.8	23.2	8.0	5.6	2.4		0.8	
Pennsylvania	445	445	11,452,569	8	46	68	98	131	56	21	13	2	1	1
Percentage		100.0		1.8	10.3	15.3	22.0	29.4	12.6	4.7	2.9	0.4	0.2	0.2
Rhode Island	51	51	1,335,455	1	0	10	5	20	8	5	2	0	0	0
Percentage		100.0		2.0		19.6	9.8	39.2	15.7	9.8	3.9			
South Carolina	40	40	3,486,703	0	0	0	1	3	15	10	8	3	0	0
Percentage		100.0					2.5	7.5	37.5	25.0	20.0	7.5		
South Dakota	117	112	562,574	41	30	15	9	12	4	1	0	0	0	0
Percentage		100.0		36.6	26.8	13.4	8.0	10.7	3.6	0.9				
Tennessee	135	124	4,877,185	0	0	8	22	48	27	13	2	2	2	0
Percentage		100.0				6.5	17.7	38.7	21.8	10.5	1.6	1.6	1.6	
Texas	478	474	16,682,000	10	48	91	119	105	54	20	19	4	1	3
Percentage		100.0		2.1	10.1	19.2	25.1	22.2	11.4	4.2	4.0	0.8	0.2	0.6
Utah	69	69	1,722,850	2	19	10	11	18	3	2	3	0	1	0
Percentage		100.0		2.9	27.5	14.5	15.9	26.1	4.3	2.9	4.3		1.4	
Vermont	205	199	562,758	57	78	34	22	7	1	0	0	0	0	0
Percentage		100.0		28.6	39.2	17.1	11.1	3.5	0.5					
Virginia	90	90	5,878,600	0	0	3	8	24	24	13	15	2	1	0
Percentage		100.0				3.3	8.9	26.7	26.7	14.4	16.7	2.2	1.1	

See footnotes at end of table.

Table 1.--Number and percentage of public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to population of legal service area	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Washington	70	70	4,645,888	11	12	9	6	10	6	3	8	3	2	0
Percentage		100.0		15.7	17.1	12.9	8.6	14.3	8.6	4.3	11.4	4.3	2.9	
West Virginia	98	96	1,950,279	1	8	13	29	22	12	9	2	0	0	0
Percentage		100.0		1.0	8.3	13.5	30.2	22.9	12.5	9.4	2.1			
Wisconsin	377	369	4,891,777	18	98	95	59	60	22	10	5	1	1	0
Percentage		100.0		4.9	26.6	25.7	16.0	16.3	6.0	2.7	1.4	0.3	0.3	
Wyoming	23	23	453,588	0	1	2	5	9	4	2	0	0	0	0
Percentage		100.0			4.3	8.7	21.7	39.1	17.4	8.7				

* The total population of the legal service area by state may be more than a state's total population, due to duplicate coverage.
** For population of the legal service area zero is considered a nonresponse. Therefore, zero is not included in this column.
***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 1A.--Population of legal service area, percentage of total population of legal service area, and number of responding public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990

State	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Total***	242,406,834	567,826	2,786,893	5,020,239	10,557,324	25,945,079	29,743,094	35,011,050	43,753,872	28,782,645	34,355,536	34,320,007
Percentage	103.5	0.2	1.1	2.1	4.4	10.7	12.3	14.4	18.0	11.9	14.2	14.2
Responding libraries	8,889	951	1,667	1,384	1,455	1,638	851	499	291	83	50	20
Alabama	4,080,104	12,110	67,780	122,030	255,460	592,712	674,650	977,712	762,570	615,080	0	0
Percentage	100.0	0.3	1.7	3.0	6.3	14.5	16.5	24.0	18.7	15.1		
Responding libraries	201	17	38	35	35	38	18	14	4	2		
Alaska	507,254	19,342	21,778	28,693	32,289	72,660	29,946	72,361	230,185	0	0	0
Percentage	100.0	3.8	4.3	5.7	6.4	14.3	5.9	14.3	45.4			
Responding libraries	81	47	14	8	4	5	1	1	1			
Arizona	3,655,800	4,040	35,925	58,665	120,035	150,480	247,605	419,860	662,540	282,405	1,674,245	0
Percentage	100.0	0.1	1.0	1.6	3.3	4.1	6.8	11.5	18.1	7.7	45.8	
Responding libraries	88	7	20	17	17	8	7	5	4	1	2	
Arkansas	2,234,259	0	0	0	9,147	143,302	250,890	936,860	593,400	300,660	0	0
Percentage	100.0				0.4	6.4	11.2	41.9	26.6	13.5		
Responding libraries	35				1	8	7	13	5	1		
California	28,669,418	80	4,130	4,850	42,175	444,985	1,186,405	2,856,062	5,438,725	3,504,625	6,139,595	9,859,375
Percentage	102.8	0.0	0.0	0.0	0.1	1.6	4.1	10.0	19.0	12.2	21.4	34.4
Responding libraries	168	1	3	1	6	27	32	40	36	9	8	5
Colorado	3,294,394	10,150	33,958	88,551	170,733	252,504	215,684	407,056	1,010,815	1,229,453	0	0
Percentage	103.8	0.3	1.0	2.7	5.2	7.7	6.5	12.4	30.7	37.3		
Responding libraries	124	15	19	26	24	17	7	6	7	3		
Connecticut	3,777,018	546	32,294	105,952	324,720	935,912	675,847	1,090,981	610,766	0	0	0
Percentage	100.0	0.0	0.9	2.8	8.6	24.8	17.9	28.9	16.2			
Responding libraries	194	1	20	28	45	57	20	18	5			
Delaware	682,865	0	0	12,017	77,748	118,123	147,227	327,750	0	0	0	0
Percentage	100.0			1.8	11.4	17.3	21.6	48.0				
Responding libraries	29			3	11	7	4	4				
District of Columbia	622,600	0	0	0	0	0	0	0	0	0	622,600	0
Percentage	100.0										100.0	
Responding libraries	1										1	
Florida	12,643,394	525	13,044	38,456	101,200	407,508	655,738	1,117,804	2,380,767	2,295,645	2,750,709	2,881,998
Percentage	100.0	0.0	0.1	0.3	0.8	3.2	5.2	8.8	18.8	18.2	21.8	22.8
Responding libraries	119	1	7	11	12	27	18	15	15	7	4	2
Georgia	6,647,106	0	0	0	0	186,523	253,169	1,369,210	1,938,100	1,661,128	1,238,976	0
Percentage	100.0					2.8	3.8	20.6	29.2	25.0	18.6	
Responding libraries	53					9	6	19	12	5	2	

See footnotes at end of table.

Table 1A.--Population of legal service area, percentage of total population of legal service area, and number of responding public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Hawaii	1,112,100	0	0	0	0	0	0	0	0	0	0	1,112,100
Percentage	100.0											100.0
Responding libraries	1											1
Idaho	826,564	12,439	46,734	67,945	137,673	114,885	245,792	72,207	125,738	0	0	0
Percentage	99.6	1.5	5.7	8.2	16.7	13.9	29.7	8.7	15.2			
Responding libraries	107	24	28	20	20	8	7	1	1			
Illinois	10,114,305	35,930	245,687	406,592	676,898	1,916,780	1,942,096	1,417,363	467,887	0	0	3,005,072
Percentage	100.0	0.4	2.4	4.0	6.7	19.0	19.2	14.0	4.6			29.7
Responding libraries	603	46	147	114	95	118	56	22	4			1
Indiana	5,246,719	4,602	84,168	178,007	345,962	810,851	730,122	816,529	1,242,747	294,335	739,396	0
Percentage	100.0	0.1	1.6	3.4	6.6	15.5	13.9	15.6	23.7	5.6	14.1	
Responding libraries	238	6	47	45	46	49	22	12	9	1	1	
Iowa	2,711,844	57,675	378,100	320,402	344,606	431,204	347,864	499,112	332,881	0	0	0
Percentage	100.0	2.1	13.9	11.8	12.7	15.9	12.8	18.4	12.3			
Responding libraries	500	79	229	94	48	30	11	7	2			
Kansas	2,002,034	64,994	142,212	175,730	116,642	251,830	261,846	118,160	288,300	582,320	0	0
Percentage	100.0	3.2	7.1	8.8	5.8	12.6	13.1	5.9	14.4	29.1		
Responding libraries	318	135	86	50	16	18	7	2	2	2		
Kentucky	3,617,889	0	2,265	4,842	153,634	896,831	885,903	648,187	341,223	0	685,004	0
Percentage	100.0		0.1	0.1	4.2	24.8	24.5	17.9	9.4		18.9	
Responding libraries	115		1	1	20	56	25	9	2		1	
Louisiana	4,194,791	0	0	0	45,269	372,000	608,478	844,291	999,404	1,325,349	0	0
Percentage	100.0				1.1	8.9	14.5	20.1	23.8	31.6		
Responding libraries	64				5	21	17	12	6	3		
Maine	1,010,100	23,858	125,948	201,955	283,175	237,868	72,938	64,358	0	0	0	0
Percentage	100.0	2.4	12.5	20.0	28.0	23.5	7.2	6.4				
Responding libraries	238	47	80	55	39	14	2	1				
Maryland	4,580,200	0	0	0	0	61,500	199,800	381,500	698,400	418,800	2,820,200	0
Percentage	100.0					1.3	4.4	8.3	15.2	9.1	61.6	
Responding libraries	24					3	6	5	5	1	4	
Massachusetts	6,378,740	16,790	83,900	179,620	537,300	1,599,930	1,797,990	1,278,870	306,510	0	577,830	0
Percentage	100.0	0.3	1.3	2.8	8.4	25.1	28.2	20.0	4.8		9.1	
Responding libraries	374	28	49	47	73	102	54	18	2		1	
Michigan	9,295,740	3,990	55,052	336,805	672,756	1,275,628	1,117,336	1,303,983	2,144,722	542,326	639,774	1,203,368
Percentage	100.0	0.0	0.6	3.6	7.2	13.7	12.0	14.0	23.1	5.8	6.9	12.9
Responding libraries	376	7	30	90	93	85	32	19	16	2	1	1

See footnotes at end of table.

Table 1A.--Population of legal service area, percentage of total population of legal service area, and number of responding public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Minnesota	4,373,026	8,007	67,213	64,306	110,841	253,196	361,660	465,967	1,420,859	925,006	634,156	0
Percentage	98.6	0.2	1.5	1.5	2.5	5.8	8.3	10.7	32.5	21.2	14.5	
Responding libraries	130	12	39	17	17	16	10	6	9	3	1	
Mississippi	2,636,900	0	0	0	18,200	163,800	532,700	1,038,100	630,900	253,200	0	0
Percentage	100.0				0.7	6.2	20.2	39.4	23.9	9.6		
Responding libraries	46				2	10	14	15	4	1		
Missouri	4,570,998	5,826	50,411	99,400	194,020	521,071	379,535	677,467	565,809	749,469	1,327,990	0
Percentage	100.0	0.1	1.1	2.2	4.2	11.4	8.3	14.8	12.4	16.4	29.1	
Responding libraries	155	9	31	27	27	32	11	10	4	2	2	
Montana	809,325	5,630	31,711	45,051	107,857	183,246	114,500	212,360	108,970	0	0	0
Percentage	100.0	0.7	3.9	5.6	13.3	22.6	14.1	26.2	13.5			
Responding libraries	82	11	20	14	16	14	3	3	1			
Nebraska	1,310,492	63,793	123,972	87,907	143,622	144,637	202,523	0	192,884	351,154	0	0
Percentage	100.0	4.9	9.5	6.7	11.0	11.0	15.5		14.7	26.8		
Responding libraries	263	115	86	25	20	9	6		1	1		
Nevada	1,334,350	2,050	5,000	13,700	27,700	69,900	118,000	123,000	0	275,000	700,000	0
Percentage	100.0	0.2	0.4	1.0	2.1	5.2	8.8	9.2		20.6	52.5	
Responding libraries	26	5	3	3	4	4	3	2		1	1	
New Hampshire	1,109,117	34,019	99,540	215,725	233,475	229,487	225,185	179,229	0	0	0	0
Percentage	109.7	3.1	9.0	19.5	21.1	20.7	20.3	16.2				
Responding libraries	227	48	60	60	34	15	8	2				
New Jersey	7,673,191	0	24,587	129,116	636,233	1,526,006	1,577,775	1,361,268	1,610,882	1,314,338	0	0
Percentage	106.6		0.3	1.7	8.3	19.9	20.6	17.7	21.0	17.1		
Responding libraries	311		13	32	86	101	45	19	11	4		
New Mexico	1,186,805	8,740	15,900	36,331	77,371	113,410	233,776	91,900	128,800	480,577	0	0
Percentage	100.0	0.7	1.3	3.1	6.5	9.6	19.7	7.7	10.9	40.5		
Responding libraries	67	16	11	11	11	8	7	1	1	1		
New York	17,558,072	53,109	276,532	487,087	825,844	2,040,754	2,298,119	1,816,222	1,821,805	3,178,641	2,031,641	10,692,924
Percentage	145.4	0.3	1.6	2.8	4.7	11.6	13.1	10.3	10.4	18.1	11.6	60.9
Responding libraries	760	91	167	136	118	124	68	27	11	9	3	6
North Carolina	6,786,088	0	0	4,907	19,046	57,711	736,637	1,661,689	2,483,421	1,311,244	511,433	0
Percentage	100.0			0.1	0.3	0.9	10.9	24.5	36.6	19.3	7.5	
Responding libraries	73			1	2	4	20	23	18	4	1	
North Dakota	470,898	10,216	33,713	5,903	53,951	105,403	57,470	204,242	0	0	0	0
Percentage	100.0	2.2	7.2	1.3	11.5	22.4	12.2	43.4				
Responding libraries	55	15	20	2	7	6	2	3				

See footnotes at end of table.

Table 1A.--Population of legal service area, percentage of total population of legal service area, and number of responding public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Ohio	10,847,115	966	7,840	60,416	461,634	1,189,771	1,563,962	1,791,348	1,447,424	1,108,105	3,215,649	0
Percentage	100.0	0.0	0.1	0.6	4.3	11.0	14.4	16.5	13.3	10.2	29.6	
Responding libraries	250	1	4	16	65	76	45	25	10	3	5	
Oklahoma	2,735,600	1,650	49,450	79,900	142,400	260,500	140,100	302,100	615,100	0	1,144,400	0
Percentage	100.0	0.1	1.8	2.9	5.2	9.5	5.1	11.0	22.5		41.8	
Responding libraries	106	4	29	23	21	16	4	4	3		2	
Oregon	2,597,393	8,505	40,818	50,943	156,380	461,349	381,148	516,263	400,987	0	581,000	0
Percentage	100.0	0.3	1.6	2.0	6.0	17.8	14.7	19.9	15.4		22.4	
Responding libraries	125	14	26	14	21	29	10	7	3		1	
Pennsylvania	11,452,569	6,462	88,648	250,796	732,573	1,987,265	1,951,391	1,389,367	1,993,640	638,721	805,374	1,688,210
Percentage	100.7	0.1	0.8	2.2	6.4	17.4	17.0	12.1	17.4	5.6	7.0	14.7
Responding libraries	445	8	46	68	98	131	56	21	13	2	1	1
Rhode Island	1,335,455	620	0	38,561	39,594	337,999	236,651	368,422	313,608	0	0	0
Percentage	100.0	0.0		2.9	3.0	25.3	17.7	27.6	23.5			
Responding libraries	51	1		10	5	20	8	5	2			
South Carolina	3,486,703	0	0	0	7,300	53,135	574,162	764,016	1,282,500	865,748	0	0
Percentage	101.7				0.2	1.5	16.5	21.9	36.8	24.8		
Responding libraries	40				1	3	15	10	8	3		
South Dakota	562,574	24,169	46,715	52,030	67,777	167,209	123,331	81,343	0	0	0	0
Percentage	100.0	4.3	8.3	9.2	12.0	29.7	21.9	14.5				
Responding libraries	112	41	30	15	9	12	4	1				
Tennessee	4,877,185	0	0	32,229	173,816	805,792	876,654	839,362	219,068	593,150	1,337,114	0
Percentage	100.0			0.7	3.6	16.5	18.0	17.2	4.5	12.2	27.4	
Responding libraries	124			8	22	48	27	13	2	2	2	
Texas	16,682,000	6,798	88,240	335,546	859,492	1,669,342	1,906,792	1,462,818	2,817,939	1,651,800	850,572	3,876,960
Percentage	93.1	0.0	0.5	2.0	5.2	10.0	11.4	8.8	16.9	9.9	5.1	23.2
Responding libraries	474	10	48	91	119	105	54	20	19	4	1	3
Utah	1,722,850	1,298	34,135	39,072	78,462	275,899	112,604	154,396	492,246	0	534,738	0
Percentage	100.0	0.1	2.0	2.3	4.6	16.0	6.5	9.0	28.6		31.0	
Responding libraries	69	2	19	10	11	18	3	2	3		1	
Vermont	562,758	37,849	121,248	114,946	166,667	109,260	39,127	0	0	0	0	0
Percentage	104.7	6.7	21.5	20.4	29.6	19.4	7.0					
Responding libraries	199	57	78	34	22	7	1					
Virginia	5,878,600	0	0	7,600	64,400	392,300	918,400	887,600	2,217,700	630,900	759,700	0
Percentage	100.0			0.1	1.1	6.7	15.6	15.1	37.7	10.7	12.9	
Responding libraries	90			3	8	24	24	13	15	2	1	

See footnotes at end of table.

Table 1A.--Population of legal service area, percentage of total population of legal service area, and number of responding public libraries by state and range of population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Total population of legal service area*	Population of legal service area: 1 to 999**	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 to 999,999	1,000,000 or more
Washington	4,645,888	7,069	19,593	35,581	41,810	157,037	208,370	201,520	1,425,851	1,146,317	1,402,740	0
Percentage	100.0	0.2	0.4	0.8	0.9	3.4	4.5	4.3	30.7	24.7	30.2	
Responding libraries	70	11	12	9	6	10	6	3	8	3	2	
West Virginia	1,950,279	604	15,129	52,167	209,454	316,543	406,865	609,730	315,548	0	0	0
Percentage	98.8	0.0	0.8	2.7	10.7	16.2	20.9	31.3	16.2			
Responding libraries	96	1	8	13	29	22	12	9	2			
Wisconsin	4,891,777	13,375	171,024	340,255	425,493	939,114	785,679	656,737	672,251	257,149	630,700	0
Percentage	100.0	0.3	3.5	7.0	8.7	19.2	16.1	13.4	13.7	5.3	12.9	
Responding libraries	369	18	98	95	59	60	22	10	5	1	1	
Wyoming	453,588	0	2,499	9,652	34,490	139,927	132,652	134,368	0	0	0	0
Percentage	100.0		0.6	2.1	7.6	30.8	29.2	29.6				
Responding libraries	23		1	2	5	9	4	2				

* The total population of the legal service area by state may be more than a state's total population, due to duplicate coverage. The amount of duplication is indicated in the total population column by the amount that the percentage is greater than 100.0 percentage.
** For population of the legal service area zero is considered a nonresponse. Therefore, zero is not included in this column.
***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 2.--Number of service outlets by state and service outlet categories: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to service outlet category	Public libraries with a central library	Total number of central libraries	Public libraries with one or more branch libraries	Total number of branch libraries	Public libraries with one or more bookmobiles	Total number of book-mobiles	Public libraries with one or more other outlets	Total number of other outlets
Total*	8,978	8,910	8,822	8,876	1,424	6,562	920	1,102	1,301	6,598
Alabama	206	206	206	206	20	72	15	18	28	91
Alaska	81	81	81	81	4	9	2	2	2	3
Arizona	91	91	88	88	13	58	11	18	14	50
Arkansas	37	35	35	35	31	160	12	13	22	216
California	168	166	157	157	91	639	46	66	73	303
Colorado	124	122	117	117	29	113	18	19	37	251
Connecticut	194	194	194	194	28	53	7	8	7	20
Delaware	29	29	29	29	1	2	2	2	0	0
District of Columbia	1	1	1	1	1	21	1	1	1	5
Florida	119	108	102	102	44	262	23	34	25	97
Georgia	53	53	49	49	48	295	40	53	13	58
Hawaii	1	1	1	1	1	47	1	6	1	1
Idaho	107	107	104	104	14	39	6	7	10	14
Illinois	603	603	603	603	35	143	26	30	0	0
Indiana	238	238	238	239	58	167	42	51	46	429
Iowa	500	500	500	500	11	28	7	7	54	138
Kansas	318	314	314	314	11	45	9	10	65	170
Kentucky	115	115	115	115	34	69	109	113	51	179
Louisiana	64	64	63	63	52	253	34	36	11	60
Maine	238	238	238	238	3	6	1	1	0	0
Maryland	24	24	24	24	23	183	0	0	0	0
Massachusetts	374	374	374	374	60	147	29	39	122	706
Michigan	376	376	376	376	61	269	23	26	40	244

See footnotes at end of table.

Table 2.--Number of service outlets by state and service outlet categories: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to service outlet category	Public libraries with a central library	Total number of central libraries	Public libraries with one or more branch libraries	Total number of branch libraries	Public libraries with one or more bookmobiles	Total number of book-mobiles	Public libraries with one or more other outlets	Total number of other outlets
Minnesota	130	130	120	120	26	228	19	24	40	324
Mississippi	46	46	46	46	39	201	4	4	18	81
Missouri	155	155	155	155	38	195	27	30	9	34
Montana	82	82	82	82	14	28	4	6	17	36
Nebraska	264	264	264	264	2	16	11	11	32	146
Nevada	26	26	26	26	10	48	3	3	0	0
New Hampshire	228	227	227	272	9	9	2	2	18	34
New Jersey	311	311	311	311	44	155	22	25	0	0
New Mexico	68	68	68	68	5	17	1	2	0	0
New York	760	760	760	760	57	336	19	21	40	316
North Carolina	73	73	73	73	60	267	52	59	22	37
North Dakota	95	55	55	55	5	10	13	13	6	16
Ohio	250	250	245	245	88	429	50	62	51	176
Oklahoma	106	106	106	106	9	81	5	12	62	97
Oregon	125	125	122	122	16	80	11	13	17	91
Pennsylvania	445	445	441	441	44	178	26	31	38	368
Rhode Island	51	51	51	51	7	25	2	2	0	0
South Carolina	40	40	40	47	33	122	37	38	16	211
South Dakota	117	112	111	111	8	22	8	8	22	155
Tennessee	135	135	135	135	30	111	15	19	11	55
Texas	478	478	478	478	54	228	21	24	82	283
Utah	69	69	49	49	12	42	26	30	3	16
Vermont	205	204	204	205	5	5	0	0	0	0
Virginia	90	90	83	83	49	191	37	43	44	246

Table 2.--Number of service outlets by state and service outlet categories: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to service outlet category	Public libraries with a central library	Total number of central libraries	Public libraries with one or more branch libraries	Total number of branch libraries	Public libraries with one or more bookmobiles	Total number of book-mobiles	Public libraries with one or more other outlets	Total number of other outlets
Washington	70	70	63	63	22	245	13	28	28	347
West Virginia	98	98	98	98	31	81	12	13	31	92
Wisconsin	377	377	377	377	14	76	13	16	64	389
Wyoming	23	23	23	23	20	56	3	3	8	13

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 2A.--Number of service outlets by size of population of legal service area and service outlet categories: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to service outlet category	Public libraries with a central library	Total number of central libraries	Public libraries with one or more branch libraries	Total number of branch libraries	Public libraries with one or more bookmobiles	Total number of book-mobiles	Public libraries with one or more other outlets	Total number of other outlets
Total*	8,978	8,910	8,822	8,876	1,424	6,562	920	1,102	1,301	6,598
1,000,000 or more	20	20	18	18	18	775	11	34	10	21
500,000 to 999,999	50	50	44	44	47	951	34	66	31	370
250,000 to 499,999	83	83	73	73	75	823	45	61	45	586
100,000 to 249,999	291	290	274	277	260	1,451	157	202	135	1,516
50,000 to 99,999	499	497	482	484	326	1,078	207	255	156	1,007
25,000 to 49,999	851	850	841	848	313	749	202	213	194	1,143
10,000 to 24,999	1,638	1,635	1,624	1,624	233	460	164	170	276	1,040
5,000 to 9,999	1,455	1,453	1,448	1,454	100	180	53	53	172	436
2,500 to 4,999	1,384	1,383	1,380	1,408	30	45	16	16	129	230
1,000 to 2,499	1,667	1,663	1,654	1,660	17	30	14	15	111	162
1 to 999	951	946	944	946	1	1	5	5	31	42
Nonresponse**	89	40	40	40	4	19	12	12	11	45

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 3.--Number and percentage paid full-time equivalent (FTE) staff by staff categories, and paid FTE staff per 1,000 population of legal service area and number of public libraries with paid FTE librarians, by state: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to total paid FTE staff	Total paid FTE staff	Paid FTE staff per 1,000 population	Total number of paid FTE librarians	Number of paid FTE librarians with ALA-MLS*	**Percentage of paid FTE librarians with ALA-MLS*	Public libraries with paid FTE librarians with ALA-MLS*	Nonresponse to paid FTE librarians with ALA-MLS*	All other paid FTE staff***
Total*/	8,978	8,736	108,246.0	0.4	34,081.7	21,304.8	80.0	3,243	1,052	73,185.7
Alabama	206	201	979.6	0.2	-	-	-	-	206	-
Alaska	81	81	248.8	0.5	89.0	51.7	92.1	15	0	159.8
Arizona	91	91	1,269.0	0.3	411.3	322.8	91.3	34	1	857.7
Arkansas	37	35	529.0	0.2	57.0	57.0	100.0	25	2	472.0
California	168	166	10,379.8	0.4	3,135.1	2,517.8	91.4	151	2	7,244.7
Colorado	124	122	1,484.4	0.4	533.7	341.7	76.1	49	2	950.7
Connecticut	194	176	1,999.5	0.6	697.5	551.7	85.5	122	18	1,302.1
Delaware	29	29	154.5	0.2	58.0	25.6	76.0	11	0	96.5
District of Columbia	1	1	460.0	0.7	164.0	123.0	75.0	1	0	296.0
Florida	119	108	4,534.4	0.4	1,263.1	979.9	79.7	79	11	3,271.4
Georgia	53	53	2,383.6	0.4	502.4	502.4	100.0	53	0	1,881.2
Hawaii	1	1	557.1	0.5	162.5	162.5	100.0	1	0	394.6
Idaho	107	102	349.9	0.4	132.9	38.2	56.4	15	5	218.0
Illinois	603	603	6,136.7	0.6	2,007.6	-	-	-	603	4,130.0
Indiana	238	224	3,331.0	0.6	1,234.0	628.0	58.8	114	14	2,110.0
Iowa	500	500	1,278.4	0.5	674.2	185.2	66.9	57	0	604.2
Kansas	318	305	1,603.0	0.8	662.0	168.0	73.0	40	13	941.0
Kentucky	115	114	1,154.2	0.3	449.0	97.8	38.9	36	0	693.7
Louisiana	64	64	1,639.4	0.4	466.9	250.5	55.4	54	0	1,172.5
Maine	238	214	487.9	0.5	200.8	67.2	71.3	34	24	287.1
Maryland	24	24	2,797.0	0.6	570.1	-	-	-	24	2,227.0
Massachusetts	374	343	3,325.7	0.5	1,351.0	898.6	73.4	222	31	1,974.6
Michigan	376	371	3,506.2	0.4	1,360.0	973.5	83.7	166	5	2,146.1

See footnotes at end of table.

Table 3.--Number and percentage of paid full-time equivalent (FTE) staff by staff categories, and paid FTE staff per 1,000 population of legal service area and number of public libraries with paid FTE librarians, by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total paid FTE staff	Total paid FTE staff	Paid FTE staff per 1,000 population	Total number of paid FTE librarians	Number of paid FTE librarians with ALA-MLS*	**Percentage of paid FTE librarians with ALA-MLS*	Public libraries with paid FTE librarians with ALA-MLS*	Nonresponse to paid FTE librarians with ALA-MLS*	All other paid FTE staff***
Minnesota	130	130	2,100.6	0.5	656.0	369.5	62.6	49	0	1,444.6
Mississippi	46	46	685.4	0.3	315.9	120.5	41.6	36	0	369.6
Missouri	155	153	2,014.3	0.4	391.7	237.3	82.5	46	2	1,622.6
Montana	82	76	284.1	0.4	180.8	25.5	40.0	9	6	103.3
Nebraska	264	250	589.3	0.5	259.2	79.4	63.5	20	12	330.1
Nevada	26	26	367.8	0.3	122.2	86.0	89.8	10	0	245.6
New Hampshire	228	223	548.2	0.5	356.9	111.2	44.6	59	1	191.3
New Jersey	311	299	4,830.4	0.6	1,295.4	1,295.4	100.0	241	11	3,535.0
New Mexico	68	65	460.0	0.4	164.0	73.0	58.7	22	3	296.4
New York	760	760	12,999.3	0.7	3,829.2	3,158.0	91.1	370	0	9,170.0
North Carolina	73	73	2,221.2	0.3	495.8	448.5	91.9	67	0	1,725.3
North Dakota	95	55	170.2	0.4	73.0	11.9	41.7	7	40	97.2
Ohio	250	250	7,699.2	0.7	2,159.7	1,504.9	77.2	169	0	5,539.7
Oklahoma	106	101	904.6	0.3	363.1	148.9	56.4	26	5	541.5
Oregon	125	125	1,139.2	0.4	359.1	234.8	77.7	58	0	779.6
Pennsylvania	445	445	3,660.0	0.3	1,203.3	864.4	81.0	175	0	2,456.7
Rhode Island	51	46	514.7	0.4	161.6	138.2	88.5	37	5	353.1
South Carolina	40	40	949.7	0.3	377.1	226.2	60.4	37	0	572.9
South Dakota	117	112	257.4	0.5	116.1	33.0	56.0	16	5	140.9
Tennessee	135	135	1,363.9	0.3	512.4	253.3	62.7	42	0	850.3
Texas	478	478	4,648.9	0.3	1,602.6	1,027.9	77.8	150	0	3,046.4
Utah	69	69	633.4	0.4	236.4	109.3	65.8	13	0	397.0
Vermont	205	193	215.5	0.4	121.9	33.7	57.8	32	1	94.1
Virginia	90	90	2,664.8	0.5	750.4	618.5	85.0	74	0	1,914.4

See footnotes at end of table.

Table 3.--Number and percentage of paid full-time equivalent (FTE) staff by staff categories, and paid FTE staff per 1,000 population of legal service area and number of public libraries with paid FTE librarians, by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total paid FTE staff	Total paid FTE staff	Paid FTE staff per 1,000 population	Total number of paid FTE librarians	Number of paid FTE librarians with ALA-MLS*	**Percentage of paid FTE librarians with ALA-MLS*	Public libraries with paid FTE librarians with ALA-MLS*	Nonresponse to paid FTE librarians with ALA-MLS*	All other paid FTE staff***
Washington	70	70	2,491.4	0.5	592.5	552.8	95.5	44	0	1,898.9
West Virginia	98	98	550.1	0.3	186.3	58.4	51.7	28	0	362.1
Wisconsin	377	377	2,389.9	0.5	974.0	511.3	72.3	114	0	1,415.9
Wyoming	23	23	303.7	0.7	43.4	30.0	89.9	13	0	260.3

* ALA-MLS: A masters degree from a graduate library education program accredited by the American Library Association (ALA).
** Ratio based on libraries that reported both paid FTE librarians and librarians with ALA-MLS.
***This number is based on reported total of other paid FTE staff.
*/ Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 3A.--Number and percentage of paid full-time equivalent (FTE) staff by staff categories, and paid FTE staff per 1,000 population of legal service area and number of public libraries with paid FTE librarians, by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to total paid FTE staff	Total paid FTE staff	Paid FTE staff per 1,000 population	Total number of paid FTE librarians	Number of paid FTE librarians with ALA-MLS*	**Percentage of paid FTE librarians with ALA-MLS*	Public libraries with paid FTE librarians with ALA-MLS*	Nonresponse to paid FTE librarians with ALA-MLS*	All other paid FTE staff***
Total*/	8,978	8,736	108,246.0	0.4	34,081.7	21,304.8	80.0	3,243	1,052	73,185.7
1,000,000 or more	20	20	13,579.9	0.4	4,039.1	3,060.5	91.2	18	1	9,540.9
500,000 to 999,999	50	50	15,260.8	0.4	4,186.6	3,421.9	90.3	46	4	11,074.2
250,000 to 499,999	83	83	11,421.5	0.4	3,172.8	2,710.7	86.6	80	3	8,046.9
100,000 to 249,999	291	290	17,215.2	0.4	4,715.8	3,711.3	81.7	276	14	12,354.7
50,000 to 99,999	499	495	14,189.3	0.4	4,089.8	2,800.6	74.8	439	45	9,969.1
25,000 to 49,999	851	845	13,876.6	0.5	4,306.3	2,595.9	70.7	675	86	9,423.5
10,000 to 24,999	1,638	1,614	12,661.0	0.5	4,374.5	2,149.7	68.9	973	182	8,124.0
5,000 to 9,999	1,455	1,438	5,107.1	0.5	2,178.0	589.8	67.5	447	146	2,831.8
2,500 to 4,999	1,384	1,366	2,540.1	0.5	1,353.8	166.0	72.3	177	167	1,134.9
1,000 to 2,499	1,667	1,620	1,621.4	0.6	1,105.1	56.9	75.0	79	225	484.4
1 to 999	951	882	615.4	1.1	477.1	11.7	75.5	16	124	126.0
Nonresponse*//	89	33	157.8	-	82.8	30.0	40.2	17	55	75.3

* ALA-MLS: A masters degree from a graduate library education program accredited by the American Library Association (ALA).
** Ratio based on libraries that reported both paid FTE librarians and librarians with ALA-MLS.
***This number is based on reported total of other paid FTE staff.
*/ Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
*//Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 4.--Number and percentage of public libraries by state and range of total paid FTE staff: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding	Total paid FTE staff: 0	.01 to .99	1 to 1.99	2 to 4.99	5 to 9.99	10 to 24.99	25 to 49.99	50 to 99.99	100 or more
Total*	8,978	8,736	141	1,929	1,504	2,027	1,209	1,117	427	228	154
Percentage		100.0	1.6	22.1	17.2	23.2	13.8	12.8	4.9	2.6	1.8
Alabama	206	201	0	38	56	66	24	13	1	2	1
Percentage		100.0		18.9	27.9	32.8	11.9	6.5	0.5	1.0	0.5
Alaska	81	81	8	39	12	13	5	2	1	1	0
Percentage		100.0	9.9	48.1	14.8	16.0	6.2	2.5	1.2	1.2	
Arizona	91	91	7	11	11	36	10	7	2	5	2
Percentage		100.0	7.7	12.1	12.1	39.6	11.0	7.7	2.2	5.5	2.2
Arkansas	37	35	0	0	0	5	10	17	1	2	0
Percentage		100.0				14.3	28.6	48.6	2.9	5.7	
California	168	166	0	1	0	10	23	46	34	28	24
Percentage		100.0		0.6		6.0	13.9	27.7	20.5	16.9	14.5
Colorado	124	122	0	23	31	30	18	10	4	3	3
Percentage		100.0		18.9	25.4	24.6	14.8	8.2	3.3	2.5	2.5
Connecticut	194	176	1	16	31	32	39	35	16	5	1
Percentage		100.0	0.6	9.1	17.6	18.2	22.2	19.9	9.1	2.8	0.6
Delaware	29	29	0	0	9	11	4	4	1	0	0
Percentage		100.0			31.0	37.9	13.8	13.8	3.4		
District of Columbia	1	1	0	0	0	0	0	0	0	0	1
Percentage		100.0									100.0
Florida	119	108	3	1	4	31	17	19	13	9	11
Percentage		100.0	2.8	0.9	3.7	28.7	15.7	17.6	12.0	8.3	10.2
Georgia	53	53	0	0	0	3	6	20	14	4	6
Percentage		100.0				5.7	11.3	37.7	26.4	7.5	11.3
Hawaii	1	1	0	0	0	0	0	0	0	0	1
Percentage		100.0									100.0
Idaho	107	102	0	42	19	26	4	10	0	1	0
Percentage		100.0		41.2	18.6	25.5	3.9	9.8		1.0	
Illinois	603	603	2	143	120	126	79	84	34	12	3
Percentage		100.0	0.3	23.7	19.9	20.9	13.1	13.9	5.6	2.0	0.5
Indiana	238	224	0	0	47	59	49	42	11	11	5
Percentage		100.0			21.0	26.3	21.9	18.8	4.9	4.9	2.2

See footnotes at end of table.

Table 4.--Number and percentage of public libraries by state and range of total paid FTE staff: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding	Total paid FTE staff: 0	.01 to .99	1 to 1.99	2 to 4.99	5 to 9.99	10 to 24.99	25 to 49.99	50 to 99.99	100 or more
Iowa	500	500	5	284	91	70	28	16	4	2	0
Percentage		100.0	1.0	56.8	18.2	14.0	5.6	3.2	0.8	0.4	
Kansas	318	305	0	0	70	159	50	20	3	0	3
Percentage		100.0			23.0	52.1	16.4	6.6	1.0		1.0
Kentucky	115	114	0	1	6	52	30	19	3	1	2
Percentage		100.0		0.9	5.3	45.6	26.3	16.7	2.6	0.9	1.8
Louisiana	64	64	0	0	0	5	15	29	7	5	3
Percentage		100.0				7.8	23.4	45.3	10.9	7.8	4.7
Maine	238	214	14	99	26	51	17	5	2	0	0
Percentage		100.0	6.5	46.3	12.1	23.8	7.9	2.3	0.9		
Maryland	24	24	0	0	0	0	2	8	5	1	8
Percentage		100.0					8.3	33.3	20.8	4.2	33.3
Massachusetts	374	343	3	60	37	84	72	66	15	5	1
Percentage		100.0	0.9	17.5	10.8	24.5	21.0	19.2	4.4	1.5	0.3
Michigan	376	371	1	62	80	103	62	33	13	15	2
Percentage		100.0	0.3	16.7	21.6	27.8	16.7	8.9	3.5	4.0	0.5
Minnesota	130	130	0	32	25	26	13	19	3	9	3
Percentage		100.0		24.6	19.2	20.0	10.0	14.6	2.3	6.9	2.3
Mississippi	46	46	0	1	2	7	9	20	6	1	0
Percentage		100.0		2.2	4.3	15.2	19.6	43.5	13.0	2.2	
Missouri	155	153	5	34	25	37	25	17	3	3	4
Percentage		100.0	3.3	22.2	16.3	24.2	16.3	11.1	2.0	2.0	2.6
Montana	82	76	0	12	25	26	7	4	2	0	0
Percentage		100.0		15.8	32.9	34.2	9.2	5.3	2.6		
Nebraska	264	250	9	162	31	31	6	9	0	1	1
Percentage		100.0	3.6	64.8	12.4	12.4	2.4	3.6		0.4	0.4
Nevada	26	26	0	5	4	6	6	3	0	1	1
Percentage		100.0		19.2	15.4	23.1	23.1	11.5		3.8	3.8
New Hampshire	228	223	5	118	43	30	14	10	3	0	0
Percentage		100.0	2.2	52.9	19.3	13.5	6.3	4.5	1.3		
New Jersey	311	299	3	9	14	67	79	80	30	9	8
Percentage		100.0	1.0	3.0	4.7	22.4	26.4	26.8	10.0	3.0	2.7

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Table 4.--Number and percentage of public libraries by state and range of total paid FTE staff: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding	Total paid FTE staff: 0	.01 to .99	1 to 1.99	2 to 4.99	5 to 9.99	10 to 24.99	25 to 49.99	50 to 99.99	100 or more
New Mexico	68	65	4	14	11	17	10	6	2	0	1
Percentage		100.0	6.2	21.5	16.9	26.2	15.4	9.2	3.1		1.5
New York	760	760	6	38	249	182	90	100	59	27	9
Percentage		100.0	0.8	5.0	32.8	23.9	11.8	13.2	7.8	3.6	1.2
North Carolina	73	73	0	0	0	4	13	29	18	5	4
Percentage		100.0				5.5	17.8	39.7	24.7	6.8	5.5
North Dakota	95	55	7	17	11	12	4	2	2	0	0
Percentage		100.0	12.7	30.9	20.0	21.8	7.3	3.6	3.6		
Ohio	250	250	0	5	10	39	57	77	37	16	9
Percentage		100.0		2.0	4.0	15.6	22.8	30.8	14.8	6.4	3.6
Oklahoma	106	101	1	30	20	25	12	7	2	2	2
Percentage		100.0	1.0	29.7	19.8	24.8	11.9	6.9	2.0	2.0	2.0
Oregon	125	125	5	36	9	32	20	14	5	3	1
Percentage		100.0	4.0	28.8	7.2	25.6	16.0	11.2	4.0	2.4	0.8
Pennsylvania	445	445	9	87	91	132	62	41	14	7	2
Percentage		100.0	2.0	19.6	20.4	29.7	13.9	9.2	3.1	1.6	0.4
Rhode Island	51	46	1	3	5	12	11	12	1	0	1
Percentage		100.0	2.2	6.5	10.9	26.1	23.9	26.1	2.2		2.2
South Carolina	40	40	0	0	1	5	10	15	5	1	3
Percentage		100.0			2.5	12.5	25.0	37.5	12.5	2.5	7.5
South Dakota	117	112	1	67	14	17	7	5	0	1	0
Percentage		100.0	0.9	59.8	12.5	15.2	6.3	4.5		0.9	
Tennessee	135	135	0	25	31	33	23	19	0	1	3
Percentage		100.0		18.5	23.0	24.4	17.0	14.1		0.7	2.2
Texas	478	478	9	112	80	143	61	40	19	8	6
Percentage		100.0	1.9	23.4	16.7	29.9	12.8	8.4	4.0	1.7	1.3
Utah	69	69	0	20	16	16	7	4	4	0	2
Percentage		100.0		29.0	23.2	23.2	10.1	5.8	5.8		2.9
Vermont	205	193	32	108	27	15	9	2	0	0	0
Percentage		100.0	16.6	56.0	14.0	7.8	4.7	1.0			
Virginia	90	90	0	0	10	14	19	23	8	9	7
Percentage		100.0			11.1	15.6	21.1	25.6	8.9	10.0	7.8

Table 4.--Number and percentage of public libraries by state and range of total paid FTE staff: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding	Total paid FTE staff: 0	.01 to .99	1 to 1.99	2 to 4.99	5 to 9.99	10 to 24.99	25 to 49.99	50 to 99.99	100 or more
Washington	70	70	0	20	3	13	8	8	6	4	8
Percentage		100.0		28.6	4.3	18.6	11.4	11.4	8.6	5.7	11.4
West Virginia	98	98	0	16	25	31	12	11	1	2	0
Percentage		100.0		16.3	25.5	31.6	12.2	11.2	1.0	2.0	
Wisconsin	377	377	0	138	72	78	45	26	10	6	2
Percentage		100.0		36.6	19.1	20.7	11.9	6.9	2.7	1.6	0.5
Wyoming	23	23	0	0	0	5	6	9	3	0	0
Percentage		100.0				21.7	26.1	39.1	13.0		

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 4A.--Number and percentage of public libraries by size of population of legal service area and range of total paid FTE staff: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding	Total paid FTE staff: 0	.01 to .99	1 to 1.99	2 to 4.99	5 to 9.99	10 to 24.99	25 to 49.99	50 to 99.99	100 or more
Total*	8,978	8,736	141	1,929	1,504	2,027	1,209	1,117	427	228	154
Percentage		100.0	1.6	22.1	17.2	23.2	13.8	12.8	4.9	2.6	1.8
1,000,000 or more	20	20	0	0	0	0	0	0	0	2	18
Percentage		100.0								10.0	90.0
500,000 to 999,999	50	50	0	0	0	0	0	0	2	2	46
Percentage		100.0							4.0	4.0	92.0
250,000 to 499,999	83	83	0	0	0	0	0	5	4	17	57
Percentage		100.0						6.0	4.8	20.5	68.7
100,000 to 249,999	291	290	0	0	0	1	2	32	92	133	30
Percentage		100.0				0.3	0.7	11.0	31.7	45.9	10.3
50,000 to 99,999	499	495	1	0	1	9	39	204	180	58	3
Percentage		100.0	0.2		0.2	1.8	7.9	41.2	36.4	11.7	0.6
25,000 to 49,999	851	845	1	8	14	43	195	450	119	15	0
Percentage		100.0	0.1	0.9	1.7	5.1	23.1	53.3	14.1	1.8	
10,000 to 24,999	1,638	1,614	4	30	81	462	628	380	28	1	0
Percentage		100.0	0.2	1.9	5.0	28.6	38.9	23.5	1.7	0.1	
5,000 to 9,999	1,455	1,438	2	105	258	762	274	35	2	0	0
Percentage		100.0	0.1	7.3	17.9	53.0	19.1	2.4	0.1		
2,500 to 4,999	1,384	1,366	12	311	523	466	52	2	0	0	0
Percentage		100.0	0.9	22.8	38.3	34.1	3.8	0.1			
1,000 to 2,499	1,667	1,620	56	918	442	191	13	0	0	0	0
Percentage		100.0	3.5	56.7	27.3	11.8	0.8				
1 to 999	951	882	62	550	180	89	0	1	0	0	0
Percentage		100.0	7.0	62.4	20.4	10.1		0.1			
Nonresponse**	89	33	3	7	5	4	6	8	0	0	0
Percentage		100.0	9.1	21.2	15.2	12.1	18.2	24.2			

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 5.--Amount and percentage of public library operating income by state and source of operating income: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to source of operating income	Total operating income for libraries responding to source of operating income	Local income	State income	Federal income*	Other income
Total**	8,978	8,754	$4,321,250,340	$3,275,496,447	$603,570,949	$55,622,109	$386,560,835
Percentage			100.0	75.8	14.0	1.3	8.9
Alabama	206	200	$39,477,200	$31,167,489	$4,459,530	$648,739	$3,201,442
Percentage			100.0	79.0	11.3	1.6	8.1
Alaska	81	81	$13,491,647	$11,966,515	$973,353	$193,544	$358,235
Percentage			100.0	88.7	7.2	1.4	2.7
Arizona	91	91	$58,325,097	$55,536,679	$638,195	$1,015,933	$1,134,290
Percentage			100.0	95.2	1.1	1.7	1.9
Arkansas	37	35	$16,932,815	$12,397,617	$2,667,959	$328,400	$1,538,839
Percentage			100.0	73.2	15.8	1.9	9.1
California	168	166	$519,667,494	$457,262,539	$28,853,945	$5,606,691	$27,944,319
Percentage			100.0	88.0	5.6	1.1	5.4
Colorado	124	122	$68,035,563	$61,958,640	$1,287,120	$659,796	$4,130,007
Percentage			100.0	91.1	1.9	1.0	6.1
Connecticut	194	175	$80,752,988	$69,815,933	$1,586,096	$276,484	$9,074,475
Percentage			100.0	86.5	2.0	0.3	11.2
Delaware	29	29	$6,855,579	$4,720,469	$928,012	$100,902	$1,106,196
Percentage			100.0	68.9	13.5	1.5	16.1
District of Columbia	1	1	$19,660,000	$18,802,000	$0	$510,000	$348,000
Percentage			100.0	95.6		2.6	1.8
Florida	119	108	$200,598,074	$171,432,147	$16,790,031	$2,973,862	$9,402,034
Percentage			100.0	85.5	8.4	1.5	4.7
Georgia	53	53	$73,221,334	$49,593,737	$18,017,089	$1,496,951	$4,113,557
Percentage			100.0	67.7	24.6	2.0	5.6
Hawaii	1	1	$21,984,294	$0	$21,359,774	$624,520	$0
Percentage			100.0		97.2	2.8	
Idaho	107	104	$10,953,996	$8,637,451	$298,643	$224,654	$1,793,248
Percentage			100.0	78.9	2.7	2.1	16.4
Illinois	603	603	$246,100,256	$194,665,255	$20,561,726	$3,415,872	$27,457,403
Percentage			100.0	79.1	8.4	1.4	11.2
Indiana	238	236	$117,000,643	$93,776,046	$13,434,124	$1,736,845	$8,053,628
Percentage			100.0	80.2	11.5	1.5	6.9

See footnotes at end of table.

Table 5.--Amount and percentage of public library operating income by state and source of operating income: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to source of operating income	Total operating income for libraries responding to source of operating income	Local income	State income	Federal income*	Other income
Iowa	500	499	$39,146,025	$34,751,378	$719,615	$272,404	$3,402,628
Percentage			100.0	88.8	1.8	0.7	8.7
Kansas	318	314	$36,349,292	$33,353,732	$963,508	$724,267	$1,307,785
Percentage			100.0	91.8	2.7	2.0	3.6
Kentucky	115	115	$36,711,178	$28,584,836	$3,719,145	$677,512	$3,729,685
Percentage			100.0	77.9	10.1	1.8	10.2
Louisiana	64	64	$50,409,869	$41,281,564	$3,740,341	$327,911	$5,060,053
Percentage			100.0	81.9	7.4	0.7	10.0
Maine	238	235	$14,630,395	$10,127,055	$467,848	$6,405	$4,029,087
Percentage			100.0	69.2	3.2	0.0***	27.5
Maryland	24	24	$116,468,496	$87,613,841	$14,265,295	$5,299,406	$9,289,954
Percentage			100.0	75.2	12.2	4.6	8.0
Massachusetts	374	344	$127,168,345	$105,302,385	$14,540,154	$758,812	$6,566,994
Percentage			100.0	82.8	11.4	0.6	5.2
Michigan	376	371	$144,524,453	$113,836,115	$13,909,625	$1,485,021	$15,293,692
Percentage			100.0	78.8	9.6	1.0	10.6
Minnesota	130	130	$86,701,714	$76,188,914	$4,605,366	$1,051,758	$4,855,676
Percentage			100.0	87.9	5.3	1.2	5.6
Mississippi	46	46	$20,006,479	$14,785,146	$3,095,294	$535,972	$1,590,067
Percentage			100.0	73.9	15.5	2.7	7.9
Missouri	155	144	$77,564,926	$66,403,486	$2,047,698	$1,113,588	$8,000,154
Percentage			100.0	85.6	2.6	1.4	10.3
Montana	82	76	$7,063,227	$2,234,477	$4,109,134	$33,907	$685,709
Percentage			100.0	31.6	58.2	0.5	9.7
Nebraska	264	252	$20,176,191	$18,421,733	$272,803	$545,963	$935,692
Percentage			100.0	91.3	1.4	2.7	4.6
Nevada	26	26	$14,938,666	$14,171,369	$80,000	$585,397	$101,900
Percentage			100.0	94.9	0.5	3.9	0.7
New Hampshire	228	221	$18,882,066	$16,054,029	$0	$265,357	$2,562,680
Percentage			100.0	85.0		1.4	13.6
New Jersey	311	299	$198,802,654	$175,544,367	$10,041,774	$1,260,238	$11,956,275
Percentage			100.0	88.3	5.1	0.6	6.0

See footnotes at end of table.

Table 5.--Amount and percentage of public library operating income by state and source of operating income: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to source of operating income	Total operating income for libraries responding to source of operating income	Local income	State income	Federal income*	Other income
New Mexico	68	64	$17,395,824	$15,294,662	$929,498	$284,762	$886,902
Percentage			100.0	87.9	5.3	1.6	5.1
New York	760	760	$556,067,625	$386,470,803	$58,823,329	$4,535,577	$106,237,916
Percentage			100.0	69.5	10.6	0.8	19.1
North Carolina	73	73	$76,855,773	$60,470,225	$11,289,462	$1,350,419	$3,745,667
Percentage			100.0	78.7	14.7	1.8	4.9
North Dakota	95	55	$3,886,354	$2,950,728	$425,328	$12,289	$498,009
Percentage			100.0	75.9	10.9	0.3	12.8
Ohio	250	250	$344,656,772	$56,249,845	$259,535,448	$1,049,419	$27,822,060
Percentage			100.0	16.3	75.3	0.3	8.1
Oklahoma	106	101	$34,367,867	$28,071,377	$1,804,935	$713,520	$3,778,035
Percentage			100.0	81.7	5.3	2.1	11.0
Oregon	125	125	$45,070,164	$41,635,426	$404,340	$515,442	$2,514,956
Percentage			100.0	92.4	0.9	1.1	5.6
Pennsylvania	445	445	$136,500,393	$86,821,070	$26,819,331	$2,601,638	$20,258,354
Percentage			100.0	63.6	19.6	1.9	14.8
Rhode Island	51	46	$16,981,961	$12,551,518	$1,599,024	$205,235	$2,626,184
Percentage			100.0	73.9	9.4	1.2	15.5
South Carolina	40	40	$31,184,495	$25,531,895	$3,290,675	$743,163	$1,618,762
Percentage			100.0	81.9	10.6	2.4	5.2
South Dakota	117	112	$8,177,817	$7,138,886	$1,400	$413,122	$624,409
Percentage			100.0	87.3	0.0***	5.1	7.6
Tennessee	135	135	$42,681,335	$30,977,379	$6,592,900	$1,743,908	$3,367,148
Percentage			100.0	72.6	15.4	4.1	7.9
Texas	478	477	$146,217,785	$136,875,356	$53,000	$3,098,349	$6,191,080
Percentage			100.0	93.6	0.0***	2.1	4.2
Utah	69	69	$24,597,110	$22,081,927	$633,697	$412,959	$1,468,527
Percentage			100.0	89.8	2.6	1.7	6.0
Vermont	205	180	$7,028,571	$4,522,017	$35,570	$0	$2,470,984
Percentage			100.0	64.3	0.5		35.2
Virginia	90	90	$106,296,000	$89,416,043	$11,500,775	$1,042,442	$4,336,740
Percentage			100.0	84.1	10.8	1.0	4.1

See footnotes at end of table.

Table 5.--Amount and percentage of public library operating income by state and source of operating income: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to source of operating income	Total operating income for libraries responding to source of operating income	Local income	State income	Federal income*	Other income
Washington	70	70	$102,728,913	$89,252,724	$1,456,104	$987,838	$11,032,247
Percentage			100.0	86.9	1.4	1.0	10.7
West Virginia	98	97	$15,778,476	$7,860,993	$5,550,356	$584,459	$1,782,668
Percentage			100.0	49.8	35.2	3.7	11.3
Wisconsin	377	377	$92,233,969	$81,963,082	$4,392,580	$501,353	$5,376,954
Percentage			100.0	88.9	4.8	0.5	5.8
Wyoming	23	23	$9,942,180	$8,973,547	$0	$69,104	$899,529
Percentage			100.0	90.3		0.7	9.0

* Some federal funds, including Library Services and Construction Act (LSCA) funds are distributed to state library agencies. Some of these funds are distributed by the state to their public libraries and should appear in the table under federal income. Some of these federal funds are used to provide services that benefit local public libraries at the state level or through library cooperatives. These funds are not reported under federal income.

** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

***When percentage value is less than 0.1 the value is rounded to 0.0. This value does not represent a true zero.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 5A.--Amount and percentage of public library operating income by size of population of legal service area and source of operating income: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to source of operating income	Total operating income for libraries responding to source of operating income	Local income	State income	Federal income*	Other income
Total**	8,978	8,754	$4,321,250,340	$3,275,496,447	$603,570,949	$55,622,109	$386,560,835
Percentage			100.0	75.8	14.0	1.3	8.9
1,000,000 or more	20	20	$628,674,751	$458,434,098	$87,722,844	$9,462,958	$73,054,851
Percentage			100.0	72.9	14.0	1.5	11.6
500,000 to 999,999	50	50	$705,239,584	$509,508,940	$134,810,523	$10,957,590	$49,962,531
Percentage			100.0	72.2	19.1	1.6	7.1
250,000 to 499,999	83	83	$494,142,521	$404,341,611	$60,315,109	$5,353,917	$24,131,884
Percentage			100.0	81.8	12.2	1.1	4.9
100,000 to 249,999	291	290	$686,639,744	$548,963,947	$81,505,504	$8,699,432	$47,470,861
Percentage			100.0	79.9	11.9	1.3	6.9
50,000 to 99,999	499	492	$536,663,730	$406,761,149	$81,524,857	$5,914,337	$42,463,387
Percentage			100.0	75.8	15.2	1.1	7.9
25,000 to 49,999	851	846	$524,503,920	$403,193,582	$68,238,610	$4,880,433	$48,191,295
Percentage			100.0	76.9	13.0	0.9	9.2
10,000 to 24,999	1,638	1,614	$450,196,971	$341,708,273	$52,734,592	$4,790,381	$50,963,725
Percentage			100.0	75.9	11.7	1.1	11.3
5,000 to 9,999	1,455	1,437	$168,517,934	$118,845,389	$23,013,236	$2,520,595	$24,138,714
Percentage			100.0	70.5	13.7	1.5	14.3
2,500 to 4,999	1,384	1,364	$72,742,965	$50,954,824	$5,804,466	$1,398,411	$14,585,264
Percentage			100.0	70.0	8.0	1.9	20.1
1,000 to 2,499	1,667	1,631	$36,570,255	$24,429,649	$2,590,400	$738,746	$8,811,460
Percentage			100.0	66.8	7.1	2.0	24.1
1 to 999	951	895	$9,637,636	$5,762,930	$977,480	$323,953	$2,573,273
Percentage			100.0	59.8	10.1	3.4	26.7
Nonresponse***	89	32	$7,720,329	$2,592,055	$4,333,328	$581,356	$213,590
Percentage			100.0	33.6	56.1	7.5	2.8

* Some federal funds, including Library Services and Construction Act (LSCA) funds are distributed to state library agencies. Some of these funds are distributed by the state to their public libraries and should appear in the table under federal income. Some of these federal funds are used to provide services that benefit local public libraries at the state level or through library cooperatives. These funds are not reported under federal income.

** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

***Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 6.--Staff expenditures by type and staff expenditures per capita population of legal service area for public libraries by state: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to type of staff expenditures	Total staff expenditures for libraries responding to type of staff expenditures	--- Staff expenditures --- Salaries and wages	Employee benefits	Public libraries responding to total staff expenditures	Total staff expenditures	Total staff expenditures per capita
Total*	8,978	8,125	$2,408,129,056	$1,995,691,968	$412,437,088	8,730	$2,542,589,680	$10.19
Alabama	206	199	$21,336,856	$17,604,786	$3,732,070	199	$21,336,856	$5.32
Alaska	81	81	$8,928,376	$6,616,645	$2,311,731	81	$8,928,376	$17.60
Arizona	91	90	$32,933,864	$27,493,142	$5,440,722	90	$32,933,864	$9.01
Arkansas	37	35	$8,077,784	$6,702,249	$1,375,535	35	$8,077,784	$3.62
California	168	165	$320,359,928	$262,626,120	$57,733,808	166	$320,364,428**	$10.88
Colorado	124	122	$38,168,649	$31,251,892	$6,916,757	122	$38,168,649	$11.17
Connecticut	194	173	$52,696,350	$47,769,454	$4,926,896	173	$52,696,350	$15.45
Delaware	29	29	$3,627,542	$2,971,995	$655,547	29	$3,627,542	$5.31
District of Columbia	1	1	$14,361,000	$12,616,000	$1,745,000	1	$14,361,000	$23.07
Florida	119	104	$97,867,909	$73,500,330	$24,367,579	108	$100,253,392**	$8.14
Georgia	53	53	$46,342,176	$39,142,056	$7,200,120	53	$46,342,176	$6.97
Hawaii	1	1	$12,619,167	$12,619,167	$0	1	$12,619,167	$11.35
Idaho	107	100	$6,100,084	$4,940,470	$1,159,614	100	$6,100,084	$7.46
Illinois	603	0	-	-	-	603	$132,184,626**	$13.07
Indiana	238	236	$57,908,806	$47,560,340	$10,348,466	236	$57,908,806	$11.05
Iowa	500	493	$22,608,894	$19,384,455	$3,224,439	493	$22,608,894	$8.36
Kansas	318	312	$19,421,056	$16,512,553	$2,908,503	312	$19,421,056	$9.75
Kentucky	115	114	$17,349,808	$14,632,717	$2,717,091	114	$17,349,808	$4.80
Louisiana	64	64	$30,179,144	$24,593,184	$5,585,960	64	$30,179,144	$7.19
Maine	238	233	$8,999,615	$7,923,035	$1,076,580	233	$8,999,615	$8.97
Maryland	24	24	$73,449,390	$64,546,455	$8,902,935	24	$73,449,390	$16.04
Massachusetts	374	343	$84,237,790	$82,690,953	$1,546,837	342	$84,237,790	$13.49
Michigan	376	371	$88,196,868	$70,713,777	$17,483,091	371	$88,196,868	$9.51

See footnotes at end of table.

Table 6.--Staff expenditures by type and staff expenditures per capita population of legal service area for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to type of staff expenditures	Total staff expenditures for libraries responding to type of staff expenditures	--- Staff expenditures --- Salaries and wages	Employee benefits	Public libraries responding to total staff expenditures	Total staff expenditures	Total staff expenditures per capita
Minnesota	130	130	$56,738,974	$48,546,273	$8,192,701	130	$56,738,974	$12.97
Mississippi	46	46	$12,110,869	$10,036,181	$2,074,688	46	$12,110,869	$4.59
Missouri	155	141	$38,861,030	$32,447,671	$6,413,359	141	$38,861,030	$8.71
Montana	82	75	$4,057,698	$3,473,180	$584,518	75	$4,057,698	$5.34
Nebraska	264	251	$10,994,808	$9,317,993	$1,676,815	251	$10,994,808	$8.43
Nevada	26	26	$7,549,862	$7,204,855	$345,007	26	$7,549,862	$5.66
New Hampshire	228	221	$11,788,718	$10,804,207	$984,511	221	$11,788,718	$9.82
New Jersey	311	299	$129,198,800	$101,366,996	$27,831,804	299	$129,198,800	$16.00
New Mexico	68	64	$9,804,039	$7,939,085	$1,864,954	64	$9,804,039	$8.31
New York	760	760	$330,909,172	$274,567,852	$56,341,320	760	$330,909,172	$18.85
North Carolina	73	73	$47,667,107	$39,263,582	$8,403,525	73	$47,667,107	$7.02
North Dakota	95	55	$2,560,015	$2,230,245	$329,770	55	$2,560,015	$5.44
Ohio	250	250	$170,338,816	$139,079,006	$31,259,810	250	$170,338,816	$15.70
Oklahoma	106	101	$19,274,116	$15,894,107	$3,380,009	101	$19,274,116	$7.06
Oregon	125	125	$27,387,120***	$21,966,053	$5,421,067	123	$27,273,135	$10.56
Pennsylvania	445	445	$85,662,051	$68,363,123	$17,298,928	445	$85,662,051	$7.48
Rhode Island	51	46	$10,919,498	$9,335,304	$1,584,194	46	$10,919,498	$8.71
South Carolina	40	40	$17,865,069	$14,651,286	$3,213,783	40	$17,865,069	$5.12
South Dakota	117	112	$4,845,778	$4,153,624	$692,154	112	$4,845,778	$8.61
Tennessee	135	135	$25,346,555	$21,004,864	$4,341,691	135	$25,346,555	$5.20
Texas	478	477	$88,853,839	$75,143,772	$13,710,067	477	$88,853,839	$5.72
Utah	69	69	$16,029,028	$12,550,377	$3,478,651	69	$16,029,028	$9.30
Vermont	205	184	$3,843,961	$3,340,092	$503,869	184	$3,843,961	$6.74
Virginia	90	90	$68,985,269	$57,103,217	$11,882,052	90	$68,985,269	$11.73

See footnotes at end of table.

Table 6.--Staff expenditures by type and staff expenditures per capita population of legal service area for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to type of staff expenditures	Total staff expenditures for libraries responding to type of staff expenditures	--- Staff expenditures --- Salaries and wages	Employee benefits	Public libraries responding to total staff expenditures	Total staff expenditures	Total staff expenditures per capita
Washington	70	70	$66,201,102	$53,037,443	$13,163,659	70	$66,201,102	$14.25
West Virginia	98	97	$8,910,372	$7,387,944	$1,522,428	97	$8,910,372	$4.63
Wisconsin	377	377	$59,500,405	$46,079,102	$13,421,303	377	$59,500,405	$12.16
Wyoming	23	23	$6,153,929	$4,992,759	$1,161,170	23	$6,153,929	$13.57

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Response to total staff expenditures with nonresponse to salaries and employee benefits occurred in one or more public libraries.
***Response to salaries and wages with nonresponse to employee benefits and total staff expenditures occurred in one or more public libraries.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 6A.--Staff expenditures by type and staff expenditures per capita population of legal service area for public libraries by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to type of staff expenditures	Total staff expenditures for libraries responding to type of staff expenditures	--- Staff expenditures --- Salaries and wages	Employee benefits	Public libraries responding to total staff expenditures	Total staff expenditures	Total staff expenditures per capita
Total*	8,978	8,125	$2,408,129,056	$1,995,691,968	$412,437,088	8,730	$2,542,589,680	$10.19
1,000,000 or more	20	19	$357,537,435	$296,552,693	$60,984,742	20	$390,761,171**	$11.39
500,000 to 999,999	50	50	$418,894,969	$346,158,131	$72,736,838	50	$418,894,969	$12.19
250,000 to 499,999	83	83	$280,908,775	$226,689,785	$54,218,990	83	$280,908,775	$9.76
100,000 to 249,999	291	285	$404,898,194	$332,331,005	$72,567,189	290	$413,495,604**	$9.48
50,000 to 99,999	499	468	$299,593,733	$248,369,878	$51,223,855	492	$327,289,049**	$9.48
25,000 to 49,999	851	790	$276,842,309	$230,815,440	$46,026,869	846	$306,184,565**	$10.34
10,000 to 24,999	1,638	1,496	$233,055,800	$196,500,034	$36,555,766	1,615	$257,402,163**	$10.06
5,000 to 9,999	1,455	1,341	$81,761,741	$70,350,418	$11,411,323	1,434	$87,911,053**	$8.44
2,500 to 4,999	1,384	1,249	$32,554,013	$28,411,899	$4,142,114	1,363	$35,547,970**	$7.19
1,000 to 2,499	1,667	1,473	$15,305,840	$13,690,422	$1,615,418	1,620	$16,933,975**	$6.24
1 to 999	951	839	$3,519,236	$3,196,173	$323,063	885	$4,003,375**	$7.45
Nonresponse***	89	32	$3,257,011	$2,626,090	$630,921	32	$3,257,011	-

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Response to total staff expenditures with nonresponse to salaries and employee benefits occurred in one or more public libraries.
***Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual public library data not reported for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

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Table 7.--Amount and percentage of operating expenditures of public libraries by type of operating expenditures and total operating expenditures per capita population of legal service area, by state: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to type of operating expenditures	Total operating expenditures for libraries responding to any type of operating expenditures*	Total paid FTE Staff expenditures	Collection expenditures	Other operating expenditures	Total operating expenditures	Total operating expenditures per capita
Total**	8,978	8,754	$4,068,211,392	$2,542,589,680	$640,518,807	$885,102,905	$4,068,293,789	$16.28
Percentage			100.0	62.5	15.7	21.8		
Alabama	206	200	$36,212,561	$21,336,856	$5,858,040	$9,017,665	$36,212,561	$9.02
Percentage			100.0	58.9	16.2	24.9		
Alaska	81	81	$13,027,269	$8,928,376	$1,888,437	$2,210,456	$13,027,269	$25.68
Percentage			100.0	68.5	14.5	17.0		
Arizona	91	91	$54,619,856	$32,933,864	$9,858,758	$11,827,234	$54,619,856	$14.94
Percentage			100.0	60.3	18.0	21.7		
Arkansas	37	35	$14,391,842	$8,077,784	$3,169,278	$3,144,780	$14,391,842	$6.44
Percentage			100.0	56.1	22.0	21.9		
California	168	166	$497,253,288	$320,364,428	$66,188,903	$110,699,957	$497,253,288	$16.89
Percentage			100.0	64.4	13.3	22.3		
Colorado	124	122	$63,156,235	$38,168,649	$9,493,137	$15,494,449	$63,156,235	$18.48
Percentage			100.0	60.4	15.0	24.5		
Connecticut	194	175	$77,464,650	$52,696,350	$10,901,499	$13,866,801	$77,433,414***	$22.70
Percentage			100.0	68.0	14.1	17.9		
Delaware	29	29	$5,929,999	$3,627,542	$1,251,537	$1,050,920	$5,929,999	$8.68
Percentage			100.0	61.2	21.1	17.7		
District of Columbia	1	1	$19,660,000	$14,361,000	$1,944,000	$3,355,000	$19,660,000	$31.58
Percentage			100.0	73.0	9.9	17.1		
Florida	119	108	$172,174,429	$100,253,392	$30,019,600	$41,901,437	$172,174,429	$13.98
Percentage			100.0	58.2	17.4	24.3		
Georgia	53	53	$72,165,905	$46,342,176	$12,358,603	$13,465,126	$72,165,905	$10.86
Percentage			100.0	64.2	17.1	18.7		
Hawaii	1	1	$21,984,294	$12,619,167	$3,277,927	$6,087,200	$21,984,294	$19.77
Percentage			100.0	57.4	14.9	27.7		
Idaho	107	104	$10,253,845	$6,100,084	$1,514,504	$2,639,257	$10,253,845	$12.50
Percentage			100.0	59.5	14.8	25.7		
Illinois	603	603	$216,338,034	$132,184,626	$34,018,247	$50,135,161	$216,338,034	$21.39
Percentage			100.0	61.1	15.7	23.2		
Indiana	238	236	$129,353,545	$57,908,806	$17,260,135	$54,184,604	$129,353,545	$24.69
Percentage			100.0	44.8	13.3	41.9		

See footnotes at end of table.

Table 7.--Amount and percentage of operating expenditures of public libraries by type of operating expenditures and total operating expenditures per capita population of legal service area, by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to type of operating expenditures	Total operating expenditures for libraries responding to any type of operating expenditures*	Total paid FTE Staff expenditures	Collection expenditures	Other operating expenditures	Total operating expenditures	Total operating expenditures per capita
Iowa	500	496	$36,775,715	$22,608,894	$7,004,333	$7,162,488	$36,775,715	$13.58
Percentage			100.0	61.5	19.0	19.5		
Kansas	318	314	$33,465,737	$19,421,056	$6,615,693	$7,428,988	$33,465,737	$16.78
Percentage			100.0	58.0	19.8	22.2		
Kentucky	115	115	$31,353,384	$17,349,808	$4,981,839	$9,021,737	$31,353,384	$8.67
Percentage			100.0	55.3	15.9	28.8		
Louisiana	64	64	$52,152,339	$30,179,144	$7,859,816	$14,113,379	$52,152,339	$12.43
Percentage			100.0	57.9	15.1	27.1		
Maine	238	235	$14,226,704	$8,999,615	$2,350,148	$2,876,941	$14,227,042***	$14.16
Percentage			100.0	63.3	16.5	20.2		
Maryland	24	24	$112,613,917	$73,449,390	$18,667,151	$20,497,376	$112,613,917	$24.59
Percentage			100.0	65.2	16.6	18.2		
Massachusetts	374	344	$124,332,561	$84,237,790	$22,964,247	$17,130,524	$124,332,561	$19.90
Percentage			100.0	67.8	18.5	13.8		
Michigan	376	371	$136,452,110	$88,196,868	$18,649,851	$29,605,391	$136,452,110	$14.72
Percentage			100.0	64.6	13.7	21.7		
Minnesota	130	130	$84,137,127	$56,738,974	$12,885,059	$14,513,094	$84,137,127	$19.24
Percentage			100.0	67.4	15.3	17.2		
Mississippi	46	46	$19,447,507	$12,110,869	$2,892,345	$4,444,293	$19,447,507	$7.38
Percentage			100.0	62.3	14.9	22.9		
Missouri	155	141	$67,273,987	$38,861,030	$12,359,163	$16,053,794	$67,273,987	$15.16
Percentage			100.0	57.8	18.4	23.9		
Montana	82	76	$6,697,754	$4,057,698	$995,467	$1,644,589	$6,697,754	$8.79
Percentage			100.0	60.6	14.9	24.6		
Nebraska	264	251	$18,569,719	$10,994,808	$3,317,400	$4,257,511	$18,569,719	$14.24
Percentage			100.0	59.2	17.9	22.9		
Nevada	26	26	$13,125,632	$7,549,862	$2,660,920	$2,914,850	$13,125,632	$9.84
Percentage			100.0	57.5	20.3	22.2		
New Hampshire	228	221	$18,013,622	$11,788,718	$3,245,565	$2,979,339	$18,013,622	$15.00
Percentage			100.0	65.4	18.0	16.5		
New Jersey	311	299	$193,674,115	$129,198,800	$26,899,810	$37,575,505	$193,674,115	$23.99
Percentage			100.0	66.7	13.9	19.4		

See footnotes at end of table.

Table 7.--Amount and percentage of operating expenditures of public libraries by type of operating expenditures and total operating expenditures per capita population of legal service area, by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to type of operating expenditures	Total operating expenditures for libraries responding to any type of operating expenditures*	Total paid FTE Staff expenditures	Collection expenditures	Other operating expenditures	Total operating expenditures	Total operating expenditures per capita
New Mexico	68	64	$15,805,849	$9,804,039	$3,013,670	$2,988,140	$15,805,849	$13.39
Percentage			100.0	62.0	19.1	18.9		
New York	760	760	$534,166,173	$330,909,172	$77,348,707	$125,908,294	$534,166,173	$30.42
Percentage			100.0	61.9	14.5	23.6		
North Carolina	73	73	$74,540,953	$47,667,107	$13,381,795	$13,492,051	$74,540,953	$10.98
Percentage			100.0	63.9	18.0	18.1		
North Dakota	95	55	$4,437,838	$2,560,015	$718,266	$1,159,557	$4,437,838	$9.42
Percentage			100.0	57.7	16.2	26.1		
Ohio	250	250	$281,785,752	$170,338,816	$56,676,681	$54,770,255	$281,785,752	$25.98
Percentage			100.0	60.4	20.1	19.4		
Oklahoma	106	101	$30,584,219	$19,274,116	$5,079,783	$6,230,320	$30,584,219	$11.21
Percentage			100.0	63.0	16.6	20.4		
Oregon	125	125	$41,805,374	$27,273,135	$6,576,072	$7,956,167	$41,919,358***	$16.14
Percentage			100.0	65.2	15.7	19.0		
Pennsylvania	445	445	$134,691,866	$85,662,051	$18,866,524	$30,163,291	$134,691,866	$11.76
Percentage			100.0	63.6	14.0	22.4		
Rhode Island	51	46	$17,018,228	$10,919,498	$2,465,423	$3,633,307	$17,018,228	$13.58
Percentage			100.0	64.2	14.5	21.3		
South Carolina	40	40	$30,688,379	$17,865,069	$6,163,555	$6,659,755	$30,688,379	$8.80
Percentage			100.0	58.2	20.1	21.7		
South Dakota	117	112	$7,307,458	$4,845,778	$1,297,474	$1,164,206	$7,307,458	$12.99
Percentage			100.0	66.3	17.8	15.9		
Tennessee	135	135	$40,279,936	$25,346,555	$6,925,067	$8,008,314	$40,279,936	$7.23
Percentage			100.0	62.9	17.2	19.9		
Texas	478	478	$138,194,855	$88,853,839	$23,111,506	$26,229,510	$138,194,855	$8.27
Percentage			100.0	64.3	16.7	19.0		
Utah	69	69	$24,597,110	$16,029,028	$3,903,794	$4,664,288	$24,597,110	$14.28
Percentage			100.0	65.2	15.9	19.0		
Vermont	205	186	$6,647,500	$3,843,961	$1,123,749	$1,679,790	$6,646,811***	$11.61
Percentage			100.0	57.8	16.9	25.3		
Virginia	90	90	$106,149,245	$68,985,269	$17,706,717	$19,457,259	$106,149,245	$18.06
Percentage			100.0	65.0	16.7	18.3		

See footnotes at end of table.

Table 7.--Amount and percentage of operating expenditures of public libraries by type of operating expenditures and total operating expenditures per capita population of legal service area, by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to type of operating expenditures	Total operating expenditures for libraries responding to any type of operating expenditures*	Total paid FTE Staff expenditures	Collection expenditures	Other operating expenditures	Total operating expenditures	Total operating expenditures per capita
Washington	70	70	$99,970,650	$66,201,102	$15,923,338	$17,846,210	$99,970,650	$21.52
Percentage			100.0	66.2	15.9	17.9		
West Virginia	98	97	$14,682,352	$8,910,372	$2,524,532	$3,247,448	$14,682,352	$7.57
Percentage			100.0	60.7	17.2	22.1		
Wisconsin	377	377	$88,837,945	$59,500,405	$13,055,061	$16,282,479	$88,837,945	$17.73
Percentage			100.0	67.0	14.7	18.3		
Wyoming	23	23	$9,722,028	$6,153,929	$1,305,681	$2,262,418	$9,722,028	$21.43
Percentage			100.0	63.3	13.4	23.3		

* This column is the sum of total paid FTE staff expenditures, collection expenditures, and other operating expenditures.
** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
***If a library provided data for any type of expenditures it was counted as a respondent, however only those libraries that provided data for total expenditures are included in total operating expenditures, column 7.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 7A.--Amount and percentage of operating expenditures of public libraries by type of operating expenditures and total operating expenditures per capita population of legal service area, by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to type of operating expenditures	Total operating expenditures for libraries responding to any type of operating expenditures*	Total paid FTE Staff expenditures	Collection expenditures	Other operating expenditures	Total operating expenditures	Total operating expenditures per capita
Total**	8,978	8,754	$4,068,211,392	$2,542,589,680	$640,518,807	$885,102,905	$4,068,293,789	$16.28
Percentage			100.0	62.5	15.7	21.8		
1,000,000 or more	20	20	$612,759,376	$390,761,171	$89,333,745	$132,664,460	$612,759,376	$17.85
Percentage			100.0	63.8	14.6	21.7		
500,000 to 999,999	50	50	$655,372,054	$418,894,969	$108,215,240	$128,261,845	$655,372,054	$19.08
Percentage			100.0	63.9	16.5	19.6		
250,000 to 499,999	83	83	$458,497,341	$280,908,775	$70,537,188	$107,051,378	$458,497,341	$15.93
Percentage			100.0	61.3	15.4	23.3		
100,000 to 249,999	291	290	$659,214,708	$413,495,604	$99,094,767	$146,624,337	$659,214,708	$15.11
Percentage			100.0	62.7	15.0	22.2		
50,000 to 99,999	499	492	$506,815,843	$327,289,049	$76,095,453	$103,431,341	$506,815,843	$14.68
Percentage			100.0	64.6	15.0	20.4		
25,000 to 49,999	851	846	$490,279,670	$306,184,565	$76,879,771	$107,215,334	$490,279,670	$16.56
Percentage			100.0	62.5	15.7	21.9		
10,000 to 24,999	1,638	1,615	$416,821,859	$257,402,163	$68,270,479	$91,149,217	$416,821,859	$16.29
Percentage			100.0	61.8	16.4	21.9		
5,000 to 9,999	1,455	1,438	$151,503,862	$87,911,053	$27,543,302	$36,049,507	$151,592,147***	$14.53
Percentage			100.0	58.0	18.2	23.8		
2,500 to 4,999	1,384	1,364	$67,770,265	$35,547,970	$12,841,530	$19,380,765	$67,770,265	$13.69
Percentage			100.0	52.5	18.9	28.6		
1,000 to 2,499	1,667	1,630	$33,098,451	$16,933,975	$7,581,238	$8,583,238	$33,092,913***	$12.16
Percentage			100.0	51.2	22.9	25.9		
1 to 999	951	894	$8,624,337	$4,003,375	$2,149,044	$2,471,918	$8,623,987***	$15.98
Percentage			100.0	46.4	24.9	28.7		
Nonresponse*/	89	32	$7,453,626	$3,257,011	$1,977,050	$2,219,565	$7,453,626	-
Percentage			100.0	43.7	26.5	29.8		

* This column is the sum of total paid FTE staff expenditures, collection expenditures, and other operating expenditures.
** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
***If a library provided data for any type of expenditures it was counted as a respondent, however only those libraries that provided data for total expenditures are included in total operating expenditures, column 7.
*/ Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual public library data not reported for this cell.
Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 8.--Number and percentage of public libraries by state and range of total operating expenditures: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Total operating expenditures: $0 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $399,999	$400,000 to $699,999	$700,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
Total*	8,978	8,745	$4,068,293,789	1,257	2,676	1,177	1,050	961	591	299	610	124
Percentage		100.0		14.4	30.6	13.5	12.0	11.0	6.8	3.4	7.0	1.4
Alabama	206	203	$36,212,561	32	74	33	36	12	9	3	3	1
Percentage		100.0		15.8	36.5	16.3	17.7	5.9	4.4	1.5	1.5	0.5
Alaska	81	81	$13,027,269	20	31	11	7	7	2	0	2	1
Percentage		100.0		24.7	38.3	13.6	8.6	8.6	2.5		2.5	1.2
Arizona	91	91	$54,619,856	19	24	15	12	7	4	0	6	4
Percentage		100.0		20.9	26.4	16.5	13.2	7.7	4.4		6.6	4.4
Arkansas	37	35	$14,391,842	0	2	4	8	8	10	1	2	0
Percentage		100.0			5.7	11.4	22.9	22.9	28.6	2.9	5.7	
California	168	166	$497,253,288	1	2	2	6	26	18	18	70	23
Percentage		100.0		0.6	1.2	1.2	3.6	15.7	10.8	10.8	42.2	13.9
Colorado	124	122	$63,156,235	12	47	14	17	11	6	6	6	3
Percentage		100.0		9.8	38.5	11.5	13.9	9.0	4.9	4.9	4.9	2.5
Connecticut	194	173	$77,433,414	3	34	21	26	38	18	12	21	0
Percentage		100.0		1.7	19.7	12.1	15.0	22.0	10.4	6.9	12.1	
Delaware	29	29	$5,929,999	0	3	14	5	2	4	0	1	0
Percentage		100.0			10.3	48.3	17.2	6.9	13.8		3.4	
District of Columbia	1	1	$19,660,000	0	0	0	0	0	0	0	0	1
Percentage		100.0										100.0
Florida	119	108	$172,174,429	3	7	10	24	18	8	10	19	9
Percentage		100.0		2.8	6.5	9.3	22.2	16.7	7.4	9.3	17.6	8.3
Georgia	53	53	$72,165,905	0	0	0	6	7	16	8	13	3
Percentage		100.0					11.3	13.2	30.2	15.1	24.5	5.7
Hawaii	1	1	$21,984,294	0	0	0	0	0	0	0	0	1
Percentage		100.0										100.0
Idaho	107	104	$10,253,845	17	49	19	7	6	4	1	1	0
Percentage		100.0		16.3	47.1	18.3	6.7	5.8	3.8	1.0	1.0	
Illinois	603	603	$216,338,034	47	222	94	56	74	48	17	44	1
Percentage		100.0		7.8	36.8	15.6	9.3	12.3	8.0	2.8	7.3	0.2
Indiana	238	236	$129,353,545	5	58	40	34	35	29	8	23	4
Percentage		100.0		2.1	24.6	16.9	14.4	14.8	12.3	3.4	9.7	1.7

See footnotes at end of table.

Table 8.--Number and percentage of public libraries by state and range of total operating expenditures: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Total operating expenditures: $0 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $399,999	$400,000 to $699,999	$700,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
Iowa	500	496	$36,775,715	141	246	47	30	13	11	1	7	0
Percentage		100.0		28.4	49.6	9.5	6.0	2.6	2.2	0.2	1.4	
Kansas	318	314	$33,465,737	130	115	24	23	10	3	5	3	1
Percentage		100.0		41.4	36.6	7.6	7.3	3.2	1.0	1.6	1.0	0.3
Kentucky	115	115	$31,353,384	1	17	39	28	22	4	1	1	2
Percentage		100.0		0.9	14.8	33.9	24.3	19.1	3.5	0.9	0.9	1.7
Louisiana	64	64	$52,152,339	0	0	1	12	21	14	7	6	3
Percentage		100.0				1.6	18.8	32.8	21.9	10.9	9.4	4.7
Maine	238	236	$14,227,042	100	69	32	22	7	4	0	2	0
Percentage		100.0		42.4	29.2	13.6	9.3	3.0	1.7		0.8	
Maryland	24	24	$112,613,917	0	0	0	0	4	4	5	5	6
Percentage		100.0						16.7	16.7	20.8	20.8	25.0
Massachusetts	374	344	$124,332,561	30	65	44	75	57	36	20	16	1
Percentage		100.0		8.7	18.9	12.8	21.8	16.6	10.5	5.8	4.7	0.3
Michigan	376	371	$136,452,110	9	121	81	59	39	21	9	31	1
Percentage		100.0		2.4	32.6	21.8	15.9	10.5	5.7	2.4	8.4	0.3
Minnesota	130	130	$84,137,127	19	37	19	10	13	15	2	12	3
Percentage		100.0		14.6	28.5	14.6	7.7	10.0	11.5	1.5	9.2	2.3
Mississippi	46	46	$19,447,507	0	4	5	6	15	10	3	3	0
Percentage		100.0			8.7	10.9	13.0	32.6	21.7	6.5	6.5	
Missouri	155	137	$67,273,987	18	47	23	16	15	7	2	5	4
Percentage		100.0		13.1	34.3	16.8	11.7	10.9	5.1	1.5	3.6	2.9
Montana	82	76	$6,697,754	15	35	10	10	1	3	2	0	0
Percentage		100.0		19.7	46.1	13.2	13.2	1.3	3.9	2.6		
Nebraska	264	251	$18,569,719	109	97	19	13	7	4	0	1	1
Percentage		100.0		43.4	38.6	7.6	5.2	2.8	1.6		0.4	0.4
Nevada	26	26	$13,125,632	4	6	3	3	5	3	0	1	1
Percentage		100.0		15.4	23.1	11.5	11.5	19.2	11.5		3.8	3.8
New Hampshire	228	221	$18,013,622	50	108	22	18	15	4	2	2	0
Percentage		100.0		22.6	48.9	10.0	8.1	6.8	1.8	0.9	0.9	
New Jersey	311	299	$193,674,115	5	25	27	50	75	43	23	47	4
Percentage		100.0		1.7	8.4	9.0	16.7	25.1	14.4	7.7	15.7	1.3

Table 8.--Number and percentage of public libraries by state and range of total operating expenditures: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Total operating expenditures: $0 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $399,999	$400,000 to $699,999	$700,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
New Mexico	68	64	$15,805,849	17	12	11	9	7	3	3	1	1
Percentage		100.0		26.6	18.8	17.2	14.1	10.9	4.7	4.7	1.6	1.6
New York	760	760	$534,166,173	73	252	107	77	72	41	39	90	9
Percentage		100.0		9.6	33.2	14.1	10.1	9.5	5.4	5.1	11.8	1.2
North Carolina	73	73	$74,540,953	0	0	0	7	17	17	13	17	2
Percentage		100.0					9.6	23.3	23.3	17.8	23.3	2.7
North Dakota	95	55	$4,437,838	27	12	7	4	2	0	3	0	0
Percentage		100.0		49.1	21.8	12.7	7.3	3.6		5.5		
Ohio	250	250	$281,785,752	0	12	22	41	69	37	18	43	8
Percentage		100.0			4.8	8.8	16.4	27.6	14.8	7.2	17.2	3.2
Oklahoma	106	101	$30,584,219	12	45	15	13	4	7	1	2	2
Percentage		100.0		11.9	44.6	14.9	12.9	4.0	6.9	1.0	2.0	2.0
Oregon	125	125	$41,919,358	20	30	16	19	20	7	5	7	1
Percentage		100.0		16.0	24.0	12.8	15.2	16.0	5.6	4.0	5.6	0.8
Pennsylvania	445	445	$134,691,866	34	168	85	68	42	22	11	13	2
Percentage		100.0		7.6	37.8	19.1	15.3	9.4	4.9	2.5	2.9	0.4
Rhode Island	51	46	$17,018,228	0	11	6	6	12	5	3	3	0
Percentage		100.0			23.9	13.0	13.0	26.1	10.9	6.5	6.5	
South Carolina	40	40	$30,688,379	0	1	2	5	13	9	2	8	0
Percentage		100.0			2.5	5.0	12.5	32.5	22.5	5.0	20.0	
South Dakota	117	112	$7,307,458	53	35	7	7	7	1	1	1	0
Percentage		100.0		47.3	31.3	6.3	6.3	6.3	0.9	0.9	0.9	
Tennessee	135	135	$40,279,936	15	58	21	12	9	16	0	2	2
Percentage		100.0		11.1	43.0	15.6	8.9	6.7	11.9		1.5	1.5
Texas	478	478	$138,194,855	68	178	81	63	37	14	14	17	6
Percentage		100.0		14.2	37.2	16.9	13.2	7.7	2.9	2.9	3.6	1.3
Utah	69	69	$24,597,110	2	32	12	9	4	4	2	3	1
Percentage		100.0		2.9	46.4	17.4	13.0	5.8	5.8	2.9	4.3	1.4
Vermont	205	179	$6,646,811	83	66	14	9	4	2	1	0	0
Percentage		100.0		46.4	36.9	7.8	5.0	2.2	1.1	0.6		
Virginia	90	90	$106,149,245	0	9	10	11	16	15	6	19	4
Percentage		100.0			10.0	11.1	12.2	17.8	16.7	6.7	21.1	4.4

Table 8.--Number and percentage of public libraries by state and range of total operating expenditures: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Total operating expenditures: $0 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $399,999	$400,000 to $699,999	$700,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
Washington	70	70	$99,970,650	10	13	8	6	10	3	3	11	6
Percentage		100.0		14.3	18.6	11.4	8.6	14.3	4.3	4.3	15.7	8.6
West Virginia	98	97	$14,682,352	4	42	22	14	5	7	1	2	0
Percentage		100.0		4.1	43.3	22.7	14.4	5.2	7.2	1.0	2.1	
Wisconsin	377	377	$88,837,945	49	154	57	44	35	14	6	16	2
Percentage		100.0		13.0	40.8	15.1	11.7	9.3	3.7	1.6	4.2	0.5
Wyoming	23	23	$9,722,028	0	1	1	7	6	5	1	2	0
Percentage		100.0			4.3	4.3	30.4	26.1	21.7	4.3	8.7	

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 8A.--Number and percentage of public libraries by size of population of legal service area and range of total operating expenditures: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Total operating expenditures: $0 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $399,999	$400,000 to $699,999	$700,000 to $999,999	$1,000,000 to $4,999,999	$5,000,000 or more
Total*	8,978	8,745	$4,068,293,789	1,257	2,676	1,177	1,050	961	591	299	610	124
Percentage		100.0		14.4	30.6	13.5	12.0	11.0	6.8	3.4	7.0	1.4
1,000,000 or more	20	20	$612,759,376	0	0	0	0	0	0	0	1	19
Percentage		100.0									5.0	95.0
500,000 to 999,999	50	50	$655,372,054	0	0	0	0	0	0	0	4	46
Percentage		100.0									8.0	92.0
250,000 to 499,999	83	83	$458,497,341	0	0	0	0	0	0	0	41	42
Percentage		100.0									49.4	50.6
100,000 to 249,999	291	290	$659,214,708	0	0	0	0	6	11	37	220	16
Percentage		100.0						2.1	3.8	12.8	75.9	5.5
50,000 to 99,999	499	492	$506,815,843	0	1	4	17	65	117	96	191	1
Percentage		100.0			0.2	0.8	3.5	13.2	23.8	19.5	38.8	0.2
25,000 to 49,999	851	846	$490,279,670	4	13	31	96	235	240	112	115	0
Percentage		100.0		0.5	1.5	3.7	11.3	27.8	28.4	13.2	13.6	
10,000 to 24,999	1,638	1,614	$416,821,859	13	126	248	457	494	193	52	31	0
Percentage		100.0		0.8	7.8	15.4	28.3	30.6	12.0	3.2	1.9	
5,000 to 9,999	1,455	1,436	$151,592,147	33	399	473	365	144	16	2	4	0
Percentage		100.0		2.3	27.8	32.9	25.4	10.0	1.1	0.1	0.3	
2,500 to 4,999	1,384	1,364	$67,770,265	106	825	321	92	15	3	0	2	0
Percentage		100.0		7.8	60.5	23.5	6.7	1.1	0.2		0.1	
1,000 to 2,499	1,667	1,625	$33,092,913	450	1,072	84	19	0	0	0	0	0
Percentage		100.0		27.7	66.0	5.2	1.2					
1 to 999	951	890	$8,623,987	640	237	11	1	0	1	0	0	0
Percentage		100.0		71.9	26.6	1.2	0.1		0.1			
Nonresponse**	89	35	$7,453,626	11	3	5	3	2	10	0	1	0
Percentage		100.0		31.4	8.6	14.3	8.6	5.7	28.6		2.9	

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 9.--Number and percentage of public libraries by state and range of total operating expenditures per capita population of legal service area: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Operating expenditures per capita: $0 to $.99	$1 to $2.99	$3 to $4.99	$5 to $6.99	$7 to $8.99	$9 to $11.99	$12 to $14.99	$15 to $19.99	$20 to $29.99	$30 or more
Total*	8,978	8,745	$4,068,293,789	111	484	771	1,040	1,002	1,327	1,006	1,165	1,016	788
Percentage		100.0		1.3	5.5	8.8	11.9	11.5	15.2	11.5	13.3	11.6	9.0
Alabama	206	203	$36,212,561	3	21	42	25	28	28	19	16	13	5
Percentage		100.0		1.5	10.3	20.7	12.3	13.8	13.8	9.4	7.9	6.4	2.5
Alaska	81	81	$13,027,269	0	2	1	0	2	6	2	4	19	45
Percentage		100.0			2.5	1.2		2.5	7.4	2.5	4.9	23.5	55.6
Arizona	91	91	$54,619,856	2	6	6	10	11	13	13	13	11	3
Percentage		100.0		2.2	6.6	6.6	11.0	12.1	14.3	14.3	14.3	12.1	3.3
Arkansas	37	35	$14,391,842	0	0	8	21	4	1	0	0	1	0
Percentage		100.0				22.9	60.0	11.4	2.9			2.9	
California	168	166	$497,253,288	0	0	3	8	14	14	20	41	34	32
Percentage		100.0				1.8	4.8	8.4	8.4	12.0	24.7	20.5	19.3
Colorado	124	122	$63,156,235	0	4	9	14	13	23	13	20	18	8
Percentage		100.0			3.3	7.4	11.5	10.7	18.9	10.7	16.4	14.8	6.6
Connecticut	194	173	$77,433,414	2	9	3	6	8	13	15	34	47	36
Percentage		100.0		1.2	5.2	1.7	3.5	4.6	7.5	8.7	19.7	27.2	20.8
Delaware	29	29	$5,929,999	0	1	3	5	8	8	0	3	1	0
Percentage		100.0			3.4	10.3	17.2	27.6	27.6		10.3	3.4	
District of Columbia	1	1	$19,660,000	0	0	0	0	0	0	0	0	0	1
Percentage		100.0											100.0
Florida	119	108	$172,174,429	0	3	10	11	12	20	18	20	11	3
Percentage		100.0			2.8	9.3	10.2	11.1	18.5	16.7	18.5	10.2	2.8
Georgia	53	53	$72,165,905	0	0	1	17	13	15	3	2	2	0
Percentage		100.0				1.9	32.1	24.5	28.3	5.7	3.8	3.8	
Hawaii	1	1	$21,984,294	0	0	0	0	0	0	0	1	0	0
Percentage		100.0									100.0		
Idaho	107	104	$10,253,845	0	2	2	16	15	30	13	16	7	3
Percentage		100.0			1.9	1.9	15.4	14.4	28.8	12.5	15.4	6.7	2.9
Illinois	603	603	$216,338,034	0	2	11	51	79	104	96	113	75	72
Percentage		100.0			0.3	1.8	8.5	13.1	17.2	15.9	18.7	12.4	11.9
Indiana	238	236	$129,353,545	0	1	8	7	11	25	32	46	50	56
Percentage		100.0			0.4	3.4	3.0	4.7	10.6	13.6	19.5	21.2	23.7

See footnotes at end of table.

Table 9.--Number and percentage of public libraries by state and range of total operating expenditures per capita population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Operating expenditures per capita: $0 to $.99	$1 to $2.99	$3 to $4.99	$5 to $6.99	$7 to $8.99	$9 to $11.99	$12 to $14.99	$15 to $19.99	$20 to $29.99	$30 or more
Iowa	500	496	$36,775,715	0	27	52	65	84	110	61	70	21	6
Percentage		100.0			5.4	10.5	13.1	16.9	22.2	12.3	14.1	4.2	1.2
Kansas	318	314	$33,465,737	0	5	11	26	40	62	58	62	40	10
Percentage		100.0			1.6	3.5	8.3	12.7	19.7	18.5	19.7	12.7	3.2
Kentucky	115	115	$31,353,384	0	9	23	38	22	15	6	1	1	0
Percentage		100.0			7.8	20.0	33.0	19.1	13.0	5.2	0.9	0.9	
Louisiana	64	64	$52,152,339	0	0	1	7	9	16	16	7	8	0
Percentage		100.0				1.6	10.9	14.1	25.0	25.0	10.9	12.5	
Maine	238	236	$14,227,042	12	31	33	26	15	31	27	26	16	19
Percentage		100.0		5.1	13.1	14.0	11.0	6.4	13.1	11.4	11.0	6.8	8.1
Maryland	24	24	$112,613,917	0	0	0	0	0	5	5	5	6	3
Percentage		100.0							20.8	20.8	20.8	25.0	12.5
Massachusetts	374	344	$124,332,561	1	20	15	26	23	52	44	61	71	31
Percentage		100.0		0.3	5.8	4.4	7.6	6.7	15.1	12.8	17.7	20.6	9.0
Michigan	376	371	$136,452,110	0	5	19	62	70	72	53	51	27	12
Percentage		100.0			1.3	5.1	16.7	18.9	19.4	14.3	13.7	7.3	3.2
Minnesota	130	130	$84,137,127	0	0	8	10	13	20	21	17	27	14
Percentage		100.0				6.2	7.7	10.0	15.4	16.2	13.1	20.8	10.8
Mississippi	46	46	$19,447,507	0	1	10	11	17	6	1	0	0	0
Percentage		100.0			2.2	21.7	23.9	37.0	13.0	2.2			
Missouri	155	137	$67,273,987	1	1	22	34	20	28	17	9	4	1
Percentage		100.0		0.7	0.7	16.1	24.8	14.6	20.4	12.4	6.6	2.9	0.7
Montana	82	76	$6,697,754	1	4	10	17	10	16	8	6	4	0
Percentage		100.0		1.3	5.3	13.2	22.4	13.2	21.1	10.5	7.9	5.3	
Nebraska	264	251	$18,569,719	2	13	22	22	31	55	47	33	26	0
Percentage		100.0		0.8	5.2	8.8	8.8	12.4	21.9	18.7	13.1	10.4	
Nevada	26	26	$13,125,632	0	0	0	4	2	4	7	4	4	1
Percentage		100.0					15.4	7.7	15.4	26.9	15.4	15.4	3.8
New Hampshire	228	221	$18,013,622	12	20	15	18	23	37	24	28	33	11
Percentage		100.0		5.4	9.0	6.8	8.1	10.4	16.7	10.9	12.7	14.9	5.0
New Jersey	311	299	$193,674,115	1	6	9	9	5	16	29	51	84	89
Percentage		100.0		0.3	2.0	3.0	3.0	1.7	5.4	9.7	17.1	28.1	29.8

Table 9.--Number and percentage of public libraries by state and range of total operating expenditures per capita population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Operating expenditures per capita: $0 to $.99	$1 to $2.99	$3 to $4.99	$5 to $6.99	$7 to $8.99	$9 to $11.99	$12 to $14.99	$15 to $19.99	$20 to $29.99	$30 or more
New Mexico	68	64	$15,805,849	0	5	2	6	3	12	8	15	4	8
Percentage		100.0			7.8	3.1	9.4	4.7	18.8	12.5	23.4	6.3	12.5
New York	760	760	$534,166,173	0	14	37	73	66	79	71	109	110	201
Percentage		100.0			1.8	4.9	9.6	8.7	10.4	9.3	14.3	14.5	26.4
North Carolina	73	73	$74,540,953	0	0	2	12	22	19	8	5	5	0
Percentage		100.0				2.7	16.4	30.1	26.0	11.0	6.8	6.8	
North Dakota	95	55	$4,437,838	4	7	10	15	6	7	4	2	0	0
Percentage		100.0		7.3	12.7	18.2	27.3	10.9	12.7	7.3	3.6		
Ohio	250	250	$281,785,752	0	2	3	5	9	16	24	53	83	55
Percentage		100.0			0.8	1.2	2.0	3.6	6.4	9.6	21.2	33.2	22.0
Oklahoma	106	101	$30,584,219	1	5	10	18	25	24	10	6	1	1
Percentage		100.0		1.0	5.0	9.9	17.8	24.8	23.8	9.9	5.9	1.0	1.0
Oregon	125	125	$41,919,358	1	3	10	12	14	23	19	24	16	3
Percentage		100.0		0.8	2.4	8.0	9.6	11.2	18.4	15.2	19.2	12.8	2.4
Pennsylvania	445	445	$134,691,866	14	42	83	87	65	68	40	25	16	5
Percentage		100.0		3.1	9.4	18.7	19.6	14.6	15.3	9.0	5.6	3.6	1.1
Rhode Island	51	46	$17,018,228	2	2	2	2	7	6	7	8	8	2
Percentage		100.0		4.3	4.3	4.3	4.3	15.2	13.0	15.2	17.4	17.4	4.3
South Carolina	40	40	$30,688,379	0	0	8	16	6	7	2	1	0	0
Percentage		100.0				20.0	40.0	15.0	17.5	5.0	2.5		
South Dakota	117	112	$7,307,458	3	8	18	16	16	20	9	14	6	2
Percentage		100.0		2.7	7.1	16.1	14.3	14.3	17.9	8.0	12.5	5.4	1.8
Tennessee	135	135	$40,279,936	16	68	19	9	1	3	4	1	2	1
Percentage		100.0		11.9	50.4	14.1	6.7	0.7	2.2	3.0	0.7	1.5	0.7
Texas	478	478	$138,194,855	18	76	99	87	52	63	31	33	11	4
Percentage		100.0		3.8	15.9	20.7	18.2	10.9	13.2	6.5	6.9	2.3	0.8
Utah	69	69	$24,597,110	0	0	6	12	15	13	11	6	3	3
Percentage		100.0				8.7	17.4	21.7	18.8	15.9	8.7	4.3	4.3
Vermont	205	179	$6,646,811	14	33	23	10	24	23	14	14	12	8
Percentage		100.0		7.8	18.4	12.8	5.6	13.4	12.8	7.8	7.8	6.7	4.5
Virginia	90	90	$106,149,245	0	0	9	11	12	19	13	11	7	8
Percentage		100.0				10.0	12.2	13.3	21.1	14.4	12.2	7.8	8.9

Table 9.--Number and percentage of public libraries by state and range of total operating expenditures per capita population of legal service area: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Operating expenditures per capita: $0 to $.99	$1 to $2.99	$3 to $4.99	$5 to $6.99	$7 to $8.99	$9 to $11.99	$12 to $14.99	$15 to $19.99	$20 to $29.99	$30 or more
Washington	70	70	$99,970,650	0	0	4	2	6	6	5	13	23	11
Percentage		100.0				5.7	2.9	8.6	8.6	7.1	18.6	32.9	15.7
West Virginia	98	97	$14,682,352	0	8	29	31	12	6	6	3	1	0
Percentage		100.0			8.2	29.9	32.0	12.4	6.2	6.2	3.1	1.0	
Wisconsin	377	377	$88,837,945	1	18	40	50	38	66	50	55	41	10
Percentage		100.0		0.3	4.8	10.6	13.3	10.1	17.5	13.3	14.6	10.9	2.7
Wyoming	23	23	$9,722,028	0	0	0	0	1	2	2	7	6	5
Percentage		100.0						4.3	8.7	8.7	30.4	26.1	21.7

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 9A.--Number and percentage of public libraries by size of population of legal service area and range of total operating expenditures per capita population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to total operating expenditures	Total operating expenditures	Operating expenditures per capita: $0 to $.99	$1 to $2.99	$3 to $4.99	$5 to $6.99	$7 to $8.99	$9 to $11.99	$12 to $14.99	$15 to $19.99	$20 to $29.99	$30 or more
Total*	8,978	8,745	$4,068,293,789	111	484	771	1,040	1,002	1,327	1,006	1,165	1,016	788
Percentage		100.0		1.3	5.5	8.8	11.9	11.5	15.2	11.5	13.3	11.6	9.0
1,000,000 or more	20	20	$612,759,376	0	1	0	1	2	1	1	11	2	1
Percentage		100.0			5.0		5.0	10.0	5.0	5.0	55.0	10.0	5.0
500,000 to 999,999	50	50	$655,372,054	0	0	3	1	4	5	7	9	11	10
Percentage		100.0				6.0	2.0	8.0	10.0	14.0	18.0	22.0	20.0
250,000 to 499,999	83	83	$458,497,341	0	1	8	2	5	16	12	16	18	5
Percentage		100.0			1.2	9.6	2.4	6.0	19.3	14.5	19.3	21.7	6.0
100,000 to 249,999	291	290	$659,214,708	0	4	10	35	38	44	30	59	53	17
Percentage		100.0			1.4	3.4	12.1	13.1	15.2	10.3	20.3	18.3	5.9
50,000 to 99,999	499	492	$506,815,843	1	16	33	78	53	65	67	59	71	49
Percentage		100.0		0.2	3.3	6.7	15.9	10.8	13.2	13.6	12.0	14.4	10.0
25,000 to 49,999	851	846	$490,279,670	7	45	62	77	81	111	113	126	113	111
Percentage		100.0		0.8	5.3	7.3	9.1	9.6	13.1	13.4	14.9	13.4	13.1
10,000 to 24,999	1,638	1,614	$416,821,859	20	82	131	165	163	215	181	244	232	181
Percentage		100.0		1.2	5.1	8.1	10.2	10.1	13.3	11.2	15.1	14.4	11.2
5,000 to 9,999	1,455	1,436	$151,592,147	16	86	110	191	176	216	149	203	165	124
Percentage		100.0		1.1	6.0	7.7	13.3	12.3	15.0	10.4	14.1	11.5	8.6
2,500 to 4,999	1,384	1,364	$67,770,265	20	93	136	181	156	237	166	173	122	80
Percentage		100.0		1.5	6.8	10.0	13.3	11.4	17.4	12.2	12.7	8.9	5.9
1,000 to 2,499	1,667	1,625	$33,092,913	29	95	203	214	217	284	192	171	129	91
Percentage		100.0		1.8	5.8	12.5	13.2	13.4	17.5	11.8	10.5	7.9	5.6
1 to 999	951	890	$8,623,987	18	61	75	95	107	133	88	94	100	119
Percentage		100.0		2.0	6.9	8.4	10.7	12.0	14.9	9.9	10.6	11.2	13.4
Nonresponse**	89	35	$7,453,626	-	-	-	-	-	-	-	-	-	-

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 10.--Total capital outlay, and capital outlay per 1,000 population and number and percentage of public libraries by state and range of capital outlay: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to capital outlay	Total capital outlay	Capital outlay					Capital outlay per 1,000 population
				$0	$1 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 or more	
Total*	8,978	8,528	$463,430,047	4,693	2,043	964	269	559	$1,912
Percentage		100.0		55.0	24.0	11.3	3.2	6.6	
Alabama	206	108	$2,399,443	46	42	11	3	6	$946
Percentage		100.0		42.6	38.9	10.2	2.8	5.6	
Alaska	81	80	$905,570	73	5	1	0	1	$1,786
Percentage		100.0		91.3	6.3	1.3		1.3	
Arizona	91	91	$19,261,037	62	14	8	0	7	$5,269
Percentage		100.0		68.1	15.4	8.8		7.7	
Arkansas	37	35	$1,861,653	31	0	1	0	3	$833
Percentage		100.0		88.6		2.9		8.6	
California	168	166	$19,101,151	56	29	30	16	35	$666
Percentage		100.0		33.7	17.5	18.1	9.6	21.1	
Colorado	124	122	$8,378,737	66	29	13	4	10	$2,543
Percentage		100.0		54.1	23.8	10.7	3.3	8.2	
Connecticut	194	174	$4,776,468	128	23	12	4	7	$1,398
Percentage		100.0		73.6	13.2	6.9	2.3	4.0	
Delaware	29	29	$697,426	4	14	9	1	1	$1,021
Percentage		100.0		13.8	48.3	31.0	3.4	3.4	
District of Columbia	1	1	$0	1	-	-	-	-	-
Florida	119	108	$32,476,190	53	14	14	7	20	$2,636
Percentage		100.0		49.1	13.0	13.0	6.5	18.5	
Georgia	53	53	$18,693,599	24	4	8	6	11	$2,812
Percentage		100.0		45.3	7.5	15.1	11.3	20.8	
Hawaii	1	1	$14,738,000	0	0	0	0	1	$13,252
Percentage		100.0						100.0	
Idaho	107	104	$365,522	66	32	4	1	1	$446
Percentage		100.0		63.5	30.8	3.8	1.0	1.0	
Illinois	603	603	$40,529,837	242	154	98	36	73	$4,007
Percentage		100.0		40.1	25.5	16.3	6.0	12.1	
Indiana	238	236	$15,298,838	148	39	24	10	15	$2,920
Percentage		100.0		62.7	16.5	10.2	4.2	6.4	

See footnotes at end of table.

Table 10.--Total capital outlay, and capital outlay per 1,000 population and number and percentage of public libraries by state and range of capital outlay: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to capital outlay	Total capital outlay	Capital outlay					Capital outlay per 1,000 population
				$0	$1 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 or more	
Iowa	500	499	$5,689,921	349	113	26	3	8	$2,099
Percentage		100.0		69.9	22.6	5.2	0.6	1.6	
Kansas	318	314	$5,256,022	203	80	23	4	4	$2,636
Percentage		100.0		64.6	25.5	7.3	1.3	1.3	
Kentucky	115	115	$3,651,256	39	47	19	4	6	$1,009
Percentage		100.0		33.9	40.9	16.5	3.5	5.2	
Louisiana	64	64	$6,866,525	55	0	2	1	6	$1,637
Percentage		100.0		85.9		3.1	1.6	9.4	
Maine	238	218	$2,564,339	139	58	17	0	4	$2,651
Percentage		100.0		63.8	26.6	7.8		1.8	
Maryland	24	0	-	-	-	-	-	-	-
Massachusetts	374	344	$31,444,845	143	90	73	8	30	$5,033
Percentage		100.0		41.6	26.2	21.2	2.3	8.7	
Michigan	376	288	$9,213,567	73	132	50	14	19	$1,106
Percentage		100.0		25.3	45.8	17.4	4.9	6.6	
Minnesota	130	130	$5,652,432	86	18	16	1	9	$1,293
Percentage		100.0		66.2	13.8	12.3	0.8	6.9	
Mississippi	46	46	$415,822	44	0	0	0	2	$158
Percentage		100.0		95.7				4.3	
Missouri	155	138	$10,263,723	92	18	20	1	7	$2,312
Percentage		100.0		66.7	13.0	14.5	0.7	5.1	
Montana	82	76	$224,507	55	14	6	1	0	$295
Percentage		100.0		72.4	18.4	7.9	1.3		
Nebraska	264	250	$1,548,674	161	82	5	0	2	$1,188
Percentage		100.0		64.4	32.8	2.0		0.8	
Nevada	26	26	$1,973,102	0	15	5	2	4	$1,479
Percentage		100.0			57.7	19.2	7.7	15.4	
New Hampshire	228	222	$4,497,792	162	39	12	5	4	$4,055
Percentage		100.0		73.0	17.6	5.4	2.3	1.8	
New Jersey	311	299	$13,508,685	198	34	35	10	22	$1,761
Percentage		100.0		66.2	11.4	11.7	3.3	7.4	

Table 10.--Total capital outlay, and capital outlay per 1,000 population and number and percentage of public libraries by state and range of capital outlay: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to capital outlay	Total capital outlay	Capital outlay					Capital outlay per 1,000 population
				$0	$1 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 or more	
New Mexico	68	64	$495,729	31	25	4	3	1	$420
Percentage		100.0		48.4	39.1	6.3	4.7	1.6	
New York	760	760	$31,738,716	260	290	124	32	54	$1,808
Percentage		100.0		34.2	38.2	16.3	4.2	7.1	
North Carolina	73	73	$11,705,934	4	21	19	11	18	$1,725
Percentage		100.0		5.5	28.8	26.0	15.1	24.7	
North Dakota	95	55	$952,284	24	21	5	0	5	$2,022
Percentage		100.0		43.6	38.2	9.1		9.1	
Ohio	250	250	$43,245,059	7	70	95	25	53	$3,987
Percentage		100.0		2.8	28.0	38.0	10.0	21.2	
Oklahoma	106	101	$2,383,643	62	23	5	6	5	$874
Percentage		100.0		61.4	22.8	5.0	5.9	5.0	
Oregon	125	125	$9,634,450	49	48	15	2	11	$3,709
Percentage		100.0		39.2	38.4	12.0	1.6	8.8	
Pennsylvania	445	445	$8,281,292	397	19	9	8	12	$723
Percentage		100.0		89.2	4.3	2.0	1.8	2.7	
Rhode Island	51	46	$4,024,017	24	8	7	0	7	$3,210
Percentage		100.0		52.2	17.4	15.2		15.2	
South Carolina	40	40	$2,054,302	27	4	4	1	4	$589
Percentage		100.0		67.5	10.0	10.0	2.5	10.0	
South Dakota	117	112	$566,254	79	24	6	2	1	$1,007
Percentage		100.0		70.5	21.4	5.4	1.8	0.9	
Tennessee	135	135	$1,556,489	89	30	8	4	4	$319
Percentage		100.0		65.9	22.2	5.9	3.0	3.0	
Texas	478	478	$12,626,003	334	82	33	10	19	$757
Percentage		100.0		69.9	17.2	6.9	2.1	4.0	
Utah	69	69	$2,480,572	46	14	4	1	4	$1,440
Percentage		100.0		66.7	20.3	5.8	1.4	5.8	
Vermont	205	179	$1,791,881	115	56	4	2	2	$3,258
Percentage		100.0		64.2	31.3	2.2	1.1	1.1	
Virginia	90	90	$6,768,699	58	8	12	4	8	$1,151
Percentage		100.0		64.4	8.9	13.3	4.4	8.9	

Table 10.--Total capital outlay, and capital outlay per 1,000 population and number and percentage of public libraries by state and range of capital outlay: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to capital outlay	Total capital outlay	Capital outlay: $0	$1 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 or more	Capital outlay per 1,000 population
Washington	70	68	$25,758,359	25	13	12	4	14	$5,594
Percentage		100.0		36.8	19.1	17.6	5.9	20.6	
West Virginia	98	98	$960,642	58	30	6	1	3	$493
Percentage		100.0		59.2	30.6	6.1	1.0	3.1	
Wisconsin	377	377	$13,167,174	195	113	43	11	15	$2,692
Percentage		100.0		51.7	30.0	11.4	2.9	4.0	
Wyoming	23	23	$983,865	10	5	7	0	1	$2,169
Percentage		100.0		43.5	21.7	30.4		4.3	

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 10A.--Total capital outlay, and capital outlay per 1,000 population and number and percentage of public libraries by size of population of legal service area and range of capital outlay: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to capital outlay	Total capital outlay	Capital outlay					Capital outlay per 1,000 population
				$0	$1 to $9,999	$10,000 to $49,999	$50,000 to $99,999	$100,000 or more	
Total*	8,978	8,528	$463,430,047	4,693	2,043	964	269	559	$1,912
Percentage		100.0		55.0	24.0	11.3	3.2	6.6	
1,000,000 or more	20	20	$28,846,488	2	0	1	1	16	$841
Percentage		100.0		10.0		5.0	5.0	80.0	
500,000 to 999,999	50	46	$87,099,657	2	0	3	3	38	$2,762
Percentage		100.0		4.3		6.5	6.5	82.6	
250,000 to 499,999	83	82	$51,333,850	18	1	10	10	43	$1,810
Percentage		100.0		22.0	1.2	12.2	12.2	52.4	
100,000 to 249,999	291	281	$74,160,224	98	16	44	35	88	$1,756
Percentage		100.0		34.9	5.7	15.7	12.5	31.3	
50,000 to 99,999	499	482	$66,568,430	179	58	101	42	102	$1,969
Percentage		100.0		37.1	12.0	21.0	8.7	21.2	
25,000 to 49,999	851	828	$53,298,230	344	150	172	62	100	$1,844
Percentage		100.0		41.5	18.1	20.8	7.5	12.1	
10,000 to 24,999	1,638	1,586	$65,304,303	750	381	284	74	97	$2,595
Percentage		100.0		47.3	24.0	17.9	4.7	6.1	
5,000 to 9,999	1,455	1,383	$20,159,789	704	429	185	25	40	$2,008
Percentage		100.0		50.9	31.0	13.4	1.8	2.9	
2,500 to 4,999	1,384	1,317	$10,427,487	812	386	89	9	21	$2,182
Percentage		100.0		61.7	29.3	6.8	0.7	1.6	
1,000 to 2,499	1,667	1,595	$4,534,686	1,101	422	57	6	9	$1,699
Percentage		100.0		69.0	26.5	3.6	0.4	0.6	
1 to 999	951	875	$1,651,666	660	191	17	2	5	$3,115
Percentage		100.0		75.4	21.8	1.9	0.2	0.6	
Nonresponse**	89	33	$45,237	23	9	1	0	0	-
Percentage		100.0		69.7	27.3	3.0			

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

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Table 11.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by state: 50 states and the District of Columbia, 1990

State	Number of public libraries	Books and serial volumes - Responding libraries	Books and serial volumes - Number	Audio materials - Responding libraries	Audio materials - Number	Films - Responding libraries	Films - Number	Video materials - Responding libraries	Video materials - Number	Serial subscriptions - Responding libraries	Serial subscriptions - Number
Total**	8,978	8,711	613,345,216	8,608	18,360,732	7,846	702,246	8,043	3,788,188	8,704	1,747,938
Per capita			2.53								
Per 1,000 population					76.42		3.10		16.37		7.21
Alabama	206	197	6,953,671	172	137,049	206	25,967	206	36,605	201	57,937
Per capita			1.81								
Per 1,000 population					37.82		6.36		8.97		14.20
Alaska	81	80	1,585,223	79	91,404	79	3,138	80	17,285	79	6,221
Per capita			3.13								
Per 1,000 population					180.36		6.19		34.10		12.28
Arizona	91	91	6,817,429	90	171,544	91	439	91	33,990	91	18,279
Per capita			1.86								
Per 1,000 population					64.15		0.12		9.30		5.00
Arkansas	37	35	4,392,467	35	67,361	35	10,959	35	10,917	35	6,091
Per capita			1.97								
Per 1,000 population					30.15		4.90		4.89		2.73
California	168	166	55,955,644	166	1,413,756	166	30,780	166	297,191	166	170,106
Per capita			1.95								
Per 1,000 population					49.31		1.07		10.37		5.93
Colorado	124	122	8,619,456	122	163,089	122	5,493	122	42,112	122	20,792
Per capita			2.62								
Per 1,000 population					49.51		1.67		12.78		6.31
Connecticut	194	174	11,881,552	173	337,687	174	5,698	175	80,325	175	27,997
Per capita			3.42								
Per 1,000 population					97.92		1.67		23.17		8.07
Delaware	29	29	1,148,037	29	26,700	29	1,563	29	5,243	29	4,039
Per capita			1.68								
Per 1,000 population					39.10		2.29		7.68		5.91
District of Columbia	1	1	1,727,203	1	198,810	1	3,016	1	5,366	1	3,700
Per capita			2.77								
Per 1,000 population					319.32		4.84		8.62		5.94
Florida	119	106	18,634,745	103	372,519	105	18,582	103	119,692	107	55,971
Per capita			1.54								
Per 1,000 population					31.93		1.57		10.29		4.63
Georgia	53	53	11,328,400	53	324,851	53	49,719	53	77,330	53	31,951
Per capita			1.70								
Per 1,000 population					48.87		7.48		11.63		4.81

See footnotes at end of table.

Table 11.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Books and serial volumes - Responding libraries	Books and serial volumes - Number	Audio materials - Responding libraries	Audio materials - Number	Films - Responding libraries	Films - Number	Video materials - Responding libraries	Video materials - Number	Serial subscriptions - Responding libraries	Serial subscriptions - Number
Hawaii	1	1	2,391,704	1	83,770	1	3,357	1	4,861	1	9,505
Per capita			2.15		75.33		3.02		4.37		8.55
Per 1,000 population											
Idaho	107	103	2,766,445	103	69,649	103	3,063	103	14,526	103	6,656
Per capita			3.37		84.91		3.73		17.71		8.11
Per 1,000 population											
Illinois	603	603	31,630,482	603	1,318,727	0	-	0	-	603	102,980
Per capita			3.13		130.38						10.18
Per 1,000 population											
Indiana	238	236	17,772,853	236	546,984	236	19,380	236	168,737	237	53,264
Per capita			3.39		104.41		3.70		32.21		10.16
Per 1,000 population											
Iowa	500	496	10,352,297	500	308,893	500	4,438	500	74,296	500	33,682
Per capita			3.82		113.91		1.64		27.40		12.42
Per 1,000 population											
Kansas	318	313	8,051,902	313	180,323	311	10,817	312	53,663	314	21,472
Per capita			4.04		90.44		5.44		26.92		10.77
Per 1,000 population											
Kentucky	115	115	6,769,261	115	59,498	115	703	115	25,835	115	12,600
Per capita			1.87		16.45		0.19		7.14		3.48
Per 1,000 population											
Louisiana	64	64	8,505,554	64	103,043	64	10,282	64	49,851	64	24,797
Per capita			2.03		24.56		2.45		11.88		5.91
Per 1,000 population											
Maine	238	235	4,911,537	235	19,351	235	370	235	14,605	237	13,008
Per capita			4.88		19.33		0.37		14.59		12.88
Per 1,000 population											
Maryland	24	24	10,721,139	0	-	0	-	0	-	24	33,638
Per capita			2.34								0.01
Per 1,000 population											7.34
Massachusetts	374	343	26,862,504	343	1,010,486	343	11,363	343	121,713	343	61,549
Per capita			4.32		162.35		1.83		19.56		9.89
Per 1,000 population											
Michigan	376	371	22,562,718	349	674,275	296	47,913	341	232,144	370	70,007
Per capita			2.43		73.86		5.79		25.62		7.55
Per 1,000 population											

See footnotes at end of table.

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Table 11.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Books and serial volumes - Responding libraries	Books and serial volumes - Number	Audio materials - Responding libraries	Audio materials - Number	Films - Responding libraries	Films - Number	Video materials - Responding libraries	Video materials - Number	Serial subscriptions - Responding libraries	Serial subscriptions - Number
Minnesota	130	130	11,266,942	130	476,991	130	11,855	130	82,461	130	25,022
Per capita			2.58								
Per 1,000 population					109.08		2.71		18.86		5.72
Mississippi	46	46	4,948,989	46	102,955	45	21,457	45	31,473	46	11,381
Per capita			1.88								
Per 1,000 population					39.04		9.00		13.20		4.32
Missouri	155	143	15,088,238	141	367,039	140	15,672	140	61,592	139	22,563
Per capita			3.38								
Per 1,000 population					82.24		3.52		13.83		5.07
Montana	82	76	2,293,363	74	25,021	75	628	75	7,808	76	5,263
Per capita			3.01								
Per 1,000 population					33.10		0.83		10.28		6.91
Nebraska	264	249	4,880,092	249	103,828	249	1,662	250	20,591	251	14,363
Per capita			3.75								
Per 1,000 population					80.26		1.28		15.81		11.03
Nevada	26	26	2,016,644	17	19,702	17	1,216	17	12,712	26	3,822
Per capita			1.51								
Per 1,000 population					36.11		2.23		23.30		2.86
New Hampshire	228	219	4,418,498	219	97,407	219	1,003	220	25,022	216	15,049
Per capita			3.98								
Per 1,000 population					87.82		0.90		22.56		13.57
New Jersey	311	298	27,333,925	298	754,871	298	24,291	298	157,403	298	69,007
Per capita			3.56								
Per 1,000 population					98.38		3.17		20.51		8.99
New Mexico	68	64	2,844,458	64	45,413	64	4,303	64	8,512	64	6,800
Per capita			2.41								
Per 1,000 population					38.48		3.65		7.21		5.76
New York	760	760	64,985,916	760	2,569,105	760	122,000	760	528,479	760	162,052
Per capita			3.70								
Per 1,000 population					146.32		6.95		30.10		9.23
North Carolina	73	73	11,796,506	73	301,430	73	8,799	73	73,190	72	30,123
Per capita			1.74								
Per 1,000 population					44.42		1.30		10.79		4.47
North Dakota	95	55	1,301,707	55	63,830	55	1,034	55	5,496	55	2,720
Per capita			2.76								
Per 1,000 population					135.55		2.20		11.67		5.78

See footnotes at end of table.

Table 11.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Books and serial volumes - Responding libraries	Number	Audio materials - Responding libraries	Number	Films - Responding libraries	Number	Video materials - Responding libraries	Number	Serial subscriptions - Responding libraries	Number
Ohio	250	250	36,604,570	233	1,563,961	181	35,758	240	488,142	239	62,929
Per capita			3.37								
Per 1,000 population					148.51		3.80		45.62		6.77
Oklahoma	106	101	5,472,398	101	69,006	101	1,912	101	18,747	101	16,450
Per capita			2.01								
Per 1,000 population					25.29		0.70		6.87		6.03
Oregon	125	110	5,890,745	112	181,042	124	1,518	116	39,123	125	21,470
Per capita			2.32								
Per 1,000 population					71.90		0.59		15.47		8.27
Pennsylvania	445	445	23,765,597	445	924,277	445	32,194	445	107,327	445	47,888
Per capita			2.08								
Per 1,000 population					80.70		2.81		9.37		4.18
Rhode Island	51	46	3,434,194	46	52,900	46	1,166	46	21,378	46	8,039
Per capita			2.74								
Per 1,000 population					42.20		0.93		17.05		6.41
South Carolina	40	40	5,193,479	40	90,465	31	1,017	40	20,487	40	15,709
Per capita			1.49								
Per 1,000 population					25.95		0.37		5.88		4.51
South Dakota	117	112	2,322,388	112	51,759	112	892	112	11,439	112	6,079
Per capita			4.13								
Per 1,000 population					92.00		1.59		20.33		10.81
Tennessee	135	135	7,613,673	134	107,752	134	39,490	134	8,130	135	22,004
Per capita			1.56								
Per 1,000 population					26.60		9.75		2.01		4.51
Texas	478	478	34,393,902	475	768,186	470	61,461	474	137,784	474	179,916
Per capita			2.22								
Per 1,000 population					50.25		4.04		9.00		11.60
Utah	69	69	4,256,992	69	188,705	69	1,513	69	25,185	69	8,136
Per capita			2.47								
Per 1,000 population					109.53		0.88		14.62		4.72
Vermont	205	173	2,262,370	175	38,657	189	123	174	5,731	171	5,867
Per capita			4.14								
Per 1,000 population					73.66		0.23		10.93		10.51
Virginia	90	90	13,716,489	90	522,882	90	21,407	90	110,052	90	39,587
Per capita			2.33								
Per 1,000 population					88.95		3.64		18.72		6.73

See footnotes at end of table.

Table 11.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Books and serial volumes - Responding libraries	Number	Audio materials - Responding libraries	Number	Films - Responding libraries	Number	Video materials - Responding libraries	Number	Serial subscriptions - Responding libraries	Number
Washington	70	69	11,703,450	67	504,872	67	10,516	67	147,637	68	32,520
Per capita			2.56								
Per 1,000 population					110.42		2.35		32.29		7.15
West Virginia	98	98	4,149,676	98	136,374	0	-	98	24,145	98	9,183
Per capita			2.15								
Per 1,000 population					70.81				12.54		4.77
Wisconsin	377	376	15,179,169	377	491,582	375	8,732	377	109,580	367	53,251
Per capita			3.11								
Per 1,000 population					100.49		1.79		22.40		11.24
Wyoming	23	22	1,868,623	23	60,951	22	3,587	22	12,275	21	4,503
Per capita			4.28								
Per 1,000 population					134.38		8.21		28.09		10.61

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita Figures.
** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

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Table 11A.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Books and serial volumes - Responding libraries	Books and serial volumes - Number	Audio materials - Responding libraries	Audio materials - Number	Films - Responding libraries	Films - Number	Video materials - Responding libraries	Video materials - Number	Serial subscriptions - Responding libraries	Serial subscriptions - Number
Total**	8,978	8,711	613,345,216	8,608	18,360,732	7,846	702,246	8,043	3,788,188	8,704	1,747,938
Per capita			2.46								
Per 1,000 population					76.42		3.10		16.37		7.07
1,000,000 or more	20	20	73,106,951	20	2,493,608	19	81,511	19	257,908	20	161,034
Per capita			2.13								
Per 1,000 population					72.66		2.60		8.24		4.69
500,000 to 999,999	50	50	73,571,228	43	2,711,005	44	81,248	44	406,307	49	188,164
Per capita			2.14								
Per 1,000 population					93.40		2.71		13.54		5.62
250,000 to 499,999	83	83	60,032,347	82	1,445,751	79	94,616	81	311,593	82	137,582
Per capita			2.09								
Per 1,000 population					50.97		3.43		11.08		4.86
100,000 to 249,999	291	288	89,148,066	279	2,832,924	269	115,085	276	570,726	289	267,156
Per capita			2.06								
Per 1,000 population					67.69		2.83		13.72		6.16
50,000 to 99,999	499	492	75,496,055	483	2,460,522	451	129,146	465	553,707	490	199,082
Per capita			2.19								
Per 1,000 population					72.66		4.06		16.92		5.79
25,000 to 49,999	851	845	76,144,576	834	2,436,990	747	67,652	775	604,391	841	210,035
Per capita			2.57								
Per 1,000 population					83.49		2.59		22.26		7.14
10,000 to 24,999	1,638	1,612	78,152,504	1,599	2,241,177	1,433	69,446	1,483	548,479	1,607	336,997
Per capita			3.06								
Per 1,000 population					88.47		3.06		23.38		13.22
5,000 to 9,999	1,455	1,431	38,681,478	1,410	911,401	1,266	27,679	1,324	272,788	1,430	113,385
Per capita			3.72								
Per 1,000 population					88.97		3.00		28.32		10.92
2,500 to 4,999	1,384	1,363	23,301,468	1,338	446,629	1,203	19,246	1,238	138,786	1,361	66,552
Per capita			4.71								
Per 1,000 population					92.08		4.41		30.85		13.48

See footnotes at end of table.

Table 11A.--Size of library collection by category and number of physical units per capita* and per 1,000 population of legal service area by type of library collection for public libraries by size of population of legal service area: 50 states and the District of Columbia, 1990--Continued

Population of legal service area	Number of public libraries	Books and serial volumes - Responding libraries	Books and serial volumes - Number	Audio materials - Responding libraries	Audio materials - Number	Films - Responding libraries	Films - Number	Video materials - Responding libraries	Video materials - Number	Serial subscriptions - Responding libraries	Serial subscriptions - Number
1,000 to 2,499	1,667	1,613	18,103,898	1,612	279,402	1,460	8,212	1,470	90,435	1,620	50,347
Per capita			6.70								
Per 1,000 population					103.46		3.37		36.71		18.55
1 to 999	951	881	6,320,644	875	77,936	838	2,341	830	29,274	882	15,802
Per capita			11.82								
Per 1,000 population					146.56		4.68		58.93		29.60
Nonresponse***	89	33	1,286,001	33	23,387	37	6,064	38	3,794	33	1,802
Per capita			-		-		-		-		-
Per 1,000 population											

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita Figures.
** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
***Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual public library data not reported for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 12.--Number and percentage of public libraries by state and range of size of collection of books and serial volumes: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to books and serial volumes	Size of collection of books and serial volumes: 0 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 499,999	500,000 or more
Total*	8,978	8,711	530	1,336	2,840	1,673	1,181	994	157
Percentage		100.0	6.1	15.3	32.6	19.2	13.6	11.4	1.8
Alabama	206	197	26	33	76	31	22	8	1
Percentage		100.0	13.2	16.8	38.6	15.7	11.2	4.1	0.5
Alaska	81	80	27	24	16	8	2	3	0
Percentage		100.0	33.8	30.0	20.0	10.0	2.5	3.8	
Arizona	91	91	17	17	25	14	7	8	3
Percentage		100.0	18.7	18.7	27.5	15.4	7.7	8.8	3.3
Arkansas	37	35	0	0	2	4	11	18	0
Percentage		100.0			5.7	11.4	31.4	51.4	
California	168	166	1	1	5	8	43	80	28
Percentage		100.0	0.6	0.6	3.0	4.8	25.9	48.2	16.9
Colorado	124	122	5	23	49	18	11	13	3
Percentage		100.0	4.1	18.9	40.2	14.8	9.0	10.7	2.5
Connecticut	194	174	1	9	46	47	38	30	3
Percentage		100.0	0.6	5.2	26.4	27.0	21.8	17.2	1.7
Delaware	29	29	0	5	14	5	2	3	0
Percentage		100.0		17.2	48.3	17.2	6.9	10.3	
District of Columbia	1	1	0	0	0	0	0	0	1
Percentage		100.0							100.0
Florida	119	106	1	6	22	26	14	30	7
Percentage		100.0	0.9	5.7	20.8	24.5	13.2	28.3	6.6
Georgia	53	53	0	0	0	4	14	30	5
Percentage		100.0				7.5	26.4	56.6	9.4
Hawaii	1	1	0	0	0	0	0	0	1
Percentage		100.0							100.0
Idaho	107	103	10	20	40	22	7	4	0
Percentage		100.0	9.7	19.4	38.8	21.4	6.8	3.9	
Illinois	603	603	32	89	229	108	80	62	3
Percentage		100.0	5.3	14.8	38.0	17.9	13.3	10.3	0.5

See footnotes at end of table.

Table 12.--Number and percentage of public libraries by state and range of size of collection of books and serial volumes: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to books and serial volumes	Size of collection of books and serial volumes						
			0 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 499,999	500,000 or more
Indiana	238	236	3	8	90	57	46	28	4
Percentage		100.0	1.3	3.4	38.1	24.2	19.5	11.9	1.7
Iowa	500	496	33	181	194	57	18	12	1
Percentage		100.0	6.7	36.5	39.1	11.5	3.6	2.4	0.2
Kansas	318	313	56	88	102	40	17	8	2
Percentage		100.0	17.9	28.1	32.6	12.8	5.4	2.6	0.6
Kentucky	115	115	0	2	12	65	30	4	2
Percentage		100.0		1.7	10.4	56.5	26.1	3.5	1.7
Louisiana	64	64	0	0	2	9	29	21	3
Percentage		100.0			3.1	14.1	45.3	32.8	4.7
Maine	238	235	24	62	101	34	11	2	1
Percentage		100.0	10.2	26.4	43.0	14.5	4.7	0.9	0.4
Maryland	24	24	0	0	0	1	7	11	5
Percentage		100.0				4.2	29.2	45.8	20.8
Massachusetts	374	343	9	32	85	92	73	49	3
Percentage		100.0	2.6	9.3	24.8	26.8	21.3	14.3	0.9
Michigan	376	371	6	41	143	89	47	39	6
Percentage		100.0	1.6	11.1	38.5	24.0	12.7	10.5	1.6
Minnesota	130	130	4	24	44	18	18	17	5
Percentage		100.0	3.1	18.5	33.8	13.8	13.8	13.1	3.8
Mississippi	46	46	0	0	3	11	16	15	1
Percentage		100.0			6.5	23.9	34.8	32.6	2.2
Missouri	155	143	3	8	46	45	15	22	4
Percentage		100.0	2.1	5.6	32.2	31.5	10.5	15.4	2.8
Montana	82	76	3	12	39	12	5	5	0
Percentage		100.0	3.9	15.8	51.3	15.8	6.6	6.6	
Nebraska	264	249	37	93	85	21	7	4	2
Percentage		100.0	14.9	37.3	34.1	8.4	2.8	1.6	0.8
Nevada	26	26	2	3	9	5	4	2	1
Percentage		100.0	7.7	11.5	34.6	19.2	15.4	7.7	3.8

Table 12.--Number and percentage of public libraries by state and range of size of collection of books and serial volumes: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to books and serial volumes	Size of collection of books and serial volumes: 0 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 499,999	500,000 or more
New Hampshire	228	219	24	48	107	27	10	3	0
Percentage		100.0	11.0	21.9	48.9	12.3	4.6	1.4	
New Jersey	311	298	0	3	50	90	86	64	5
Percentage		100.0		1.0	16.8	30.2	28.9	21.5	1.7
New Mexico	68	64	11	15	10	15	7	5	1
Percentage		100.0	17.2	23.4	15.6	23.4	10.9	7.8	1.6
New York	760	760	50	125	265	121	92	101	6
Percentage		100.0	6.6	16.4	34.9	15.9	12.1	13.3	0.8
North Carolina	73	73	0	0	0	9	23	38	3
Percentage		100.0				12.3	31.5	52.1	4.1
North Dakota	95	55	8	11	22	10	1	3	0
Percentage		100.0	14.5	20.0	40.0	18.2	1.8	5.5	
Ohio	250	250	0	1	38	68	72	62	9
Percentage		100.0		0.4	15.2	27.2	28.8	24.8	3.6
Oklahoma	106	101	4	20	37	21	12	5	2
Percentage		100.0	4.0	19.8	36.6	20.8	11.9	5.0	2.0
Oregon	125	110	8	14	41	20	16	10	1
Percentage		100.0	7.3	12.7	37.3	18.2	14.5	9.1	0.9
Pennsylvania	445	445	15	64	168	102	66	27	3
Percentage		100.0	3.4	14.4	37.8	22.9	14.8	6.1	0.7
Rhode Island	51	46	0	1	13	16	9	6	1
Percentage		100.0		2.2	28.3	34.8	19.6	13.0	2.2
South Carolina	40	40	0	0	1	6	18	13	2
Percentage		100.0			2.5	15.0	45.0	32.5	5.0
South Dakota	117	112	12	37	39	12	10	2	0
Percentage		100.0	10.7	33.0	34.8	10.7	8.9	1.8	
Tennessee	135	135	1	15	54	38	15	9	3
Percentage		100.0	0.7	11.1	40.0	28.1	11.1	6.7	2.2
Texas	478	478	12	35	217	117	58	30	9
Percentage		100.0	2.5	7.3	45.4	24.5	12.1	6.3	1.9

Table 12.--Number and percentage of public libraries by state and range of size of collection of books and serial volumes: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to books and serial volumes	Size of collection of books and serial volumes: 0 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 499,999	500,000 or more
Utah	69	69	0	6	26	23	6	6	2
Percentage		100.0		8.7	37.7	33.3	8.7	8.7	2.9
Vermont	205	173	43	54	61	9	4	2	0
Percentage		100.0	24.9	31.2	35.3	5.2	2.3	1.2	
Virginia	90	90	0	3	18	14	22	27	6
Percentage		100.0		3.3	20.0	15.6	24.4	30.0	6.7
Washington	70	69	2	9	23	10	6	12	7
Percentage		100.0	2.9	13.0	33.3	14.5	8.7	17.4	10.1
West Virginia	98	98	4	10	39	24	11	10	0
Percentage		100.0	4.1	10.2	39.8	24.5	11.2	10.2	
Wisconsin	377	376	36	84	132	62	36	24	2
Percentage		100.0	9.6	22.3	35.1	16.5	9.6	6.4	0.5
Wyoming	23	22	0	0	0	8	7	7	0
Percentage		100.0				36.4	31.8	31.8	

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 12A.--Number and percentage of public libraries by size of population of legal service area and range of size of collection of books and serial volumes: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to books and serial volumes	Size of collection of books and serial volumes: 0 to 4,999	5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 to 99,999	100,000 to 499,999	500,000 or more
Total*	8,978	8,711	530	1,336	2,840	1,673	1,181	994	157
Percentage		100.0	6.1	15.3	32.6	19.2	13.6	11.4	1.8
1,000,000 or more	20	20	0	0	0	0	1	1	18
Percentage		100.0					5.0	5.0	90.0
500,000 to 999,999	50	50	0	0	0	1	1	2	46
Percentage		100.0				2.0	2.0	4.0	92.0
250,000 to 499,999	83	83	0	0	0	0	0	25	58
Percentage		100.0						30.1	69.9
100,000 to 249,999	291	288	0	0	1	0	8	246	33
Percentage		100.0			0.3		2.8	85.4	11.5
50,000 to 99,999	499	492	3	2	6	17	101	362	1
Percentage		100.0	0.6	0.4	1.2	3.5	20.5	73.6	0.2
25,000 to 49,999	851	845	1	7	27	127	414	268	1
Percentage		100.0	0.1	0.8	3.2	15.0	49.0	31.7	0.1
10,000 to 24,999	1,638	1,612	7	23	265	679	552	86	0
Percentage		100.0	0.4	1.4	16.4	42.1	34.2	5.3	
5,000 to 9,999	1,455	1,431	12	61	664	607	86	1	0
Percentage		100.0	0.8	4.3	46.4	42.4	6.0	0.1	
2,500 to 4,999	1,384	1,363	41	200	931	184	7	0	0
Percentage		100.0	3.0	14.7	68.3	13.5	0.5		
1,000 to 2,499	1,667	1,613	154	628	780	50	1	0	0
Percentage		100.0	9.5	38.9	48.4	3.1	0.1		
1 to 999	951	881	303	411	162	3	2	0	0
Percentage		100.0	34.4	46.7	18.4	0.3	0.2		
Nonresponse**	89	33	9	4	4	5	8	3	0
Percentage		100.0	27.3	12.1	12.1	15.2	24.2	9.1	

* Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
** Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 13.--Number and percentage of public libraries by state and range of average number of weekly public service hours* per outlet**: 50 states and the District of Columbia, 1990

State	Number of public libraries	Public libraries responding to public service hours	Average number of weekly public service hours* per outlet** 0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or more
Total***	8,978	8,671	487	1,248	1,752	1,681	1,572	1,190	635	106
Percentage		100.0	5.6	14.4	20.2	19.4	18.1	13.7	7.3	1.2
Alabama	206	201	4	41	36	48	48	16	7	1
Percentage		100.0	2.0	20.4	17.9	23.9	23.9	8.0	3.5	0.5
Alaska	81	81	13	25	11	10	15	4	3	0
Percentage		100.0	16.0	30.9	13.6	12.3	18.5	4.9	3.7	
Arizona	91	88	0	14	19	16	27	9	3	0
Percentage		100.0		15.9	21.6	18.2	30.7	10.2	3.4	
Arkansas	37	0	-	-	-	-	-	-	-	-
California	168	166	1	5	7	19	46	42	23	23
Percentage		100.0	0.6	3.0	4.2	11.4	27.7	25.3	13.9	13.9
Colorado	124	122	3	14	20	31	28	12	13	1
Percentage		100.0	2.5	11.5	16.4	25.4	23.0	9.8	10.7	0.8
Connecticut	194	177	2	17	18	39	32	46	21	2
Percentage		100.0	1.1	9.6	10.2	22.0	18.1	26.0	11.9	1.1
Delaware	29	29	2	1	0	10	10	4	2	0
Percentage		100.0	6.9	3.4		34.5	34.5	13.8	6.9	
District of Columbia	1	1	0	0	0	0	0	1	0	0
Percentage		100.0						100.0		
Florida	119	107	0	9	12	20	27	31	7	1
Percentage		100.0		8.4	11.2	18.7	25.2	29.0	6.5	0.9
Georgia	53	53	0	3	11	23	11	5	0	0
Percentage		100.0		5.7	20.8	43.4	20.8	9.4		
Hawaii	1	1	0	0	0	1	0	0	0	0
Percentage		100.0				100.0				
Idaho	107	104	5	24	34	22	13	6	0	0
Percentage		100.0	4.8	23.1	32.7	21.2	12.5	5.8		
Illinois	603	568	13	46	119	104	77	83	106	20
Percentage		100.0	2.3	8.1	21.0	18.3	13.6	14.6	18.7	3.5
Indiana	238	228	4	25	42	55	42	39	17	4
Percentage		100.0	1.8	11.0	18.4	24.1	18.4	17.1	7.5	1.8

See footnotes at end of table.

Table 13.--Number and percentage of public libraries by state and range of average number of weekly public service hours* per outlet**: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to public service hours	Average number of weekly public service hours* per outlet** 0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or more
Iowa	500	500	28	104	194	58	50	41	24	1
Percentage		100.0	5.6	20.8	38.8	11.6	10.0	8.2	4.8	0.2
Kansas	318	310	27	94	50	44	45	21	25	4
Percentage		100.0	8.7	30.3	16.1	14.2	14.5	6.8	8.1	1.3
Kentucky	115	115	1	4	28	56	20	5	1	0
Percentage		100.0	0.9	3.5	24.3	48.7	17.4	4.3	0.9	
Louisiana	64	64	5	4	20	17	11	5	2	0
Percentage		100.0	7.8	6.3	31.3	26.6	17.2	7.8	3.1	
Maine	238	237	62	59	30	35	32	14	4	1
Percentage		100.0	26.2	24.9	12.7	14.8	13.5	5.9	1.7	0.4
Maryland	24	0	-	-	-	-	-	-	-	-
Massachusetts	374	344	11	56	60	73	53	56	35	0
Percentage		100.0	3.2	16.3	17.4	21.2	15.4	16.3	10.2	
Michigan	376	371	1	43	59	97	83	67	11	10
Percentage		100.0	0.3	11.6	15.9	26.1	22.4	18.1	3.0	2.7
Minnesota	130	130	7	17	33	34	21	14	4	0
Percentage		100.0	5.4	13.1	25.4	26.2	16.2	10.8	3.1	
Mississippi	46	46	0	0	22	12	8	4	0	0
Percentage		100.0			47.8	26.1	17.4	8.7		
Missouri	155	150	6	35	43	23	19	15	7	2
Percentage		100.0	4.0	23.3	28.7	15.3	12.7	10.0	4.7	1.3
Montana	82	76	6	22	23	16	8	1	0	0
Percentage		100.0	7.9	28.9	30.3	21.1	10.5	1.3		
Nebraska	264	252	44	75	67	22	22	17	5	0
Percentage		100.0	17.5	29.8	26.6	8.7	8.7	6.7	2.0	
Nevada	26	26	3	5	5	4	4	4	1	0
Percentage		100.0	11.5	19.2	19.2	15.4	15.4	15.4	3.8	
New Hampshire	228	223	47	47	61	30	16	17	4	1
Percentage		100.0	21.1	21.1	27.4	13.5	7.2	7.6	1.8	0.4
New Jersey	311	296	1	7	24	51	74	106	31	2
Percentage		100.0	0.3	2.4	8.1	17.2	25.0	35.8	10.5	0.7

See footnotes at end of table.

Table 13.--Number and percentage of public libraries by state and range of average number of weekly public service hours* per outlet**: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to public service hours	Average number of weekly public service hours* per outlet**							
			0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or more
New Mexico	68	64	3	5	12	8	25	7	4	0
Percentage		100.0	4.7	7.8	18.8	12.5	39.1	10.9	6.3	
New York	760	760	21	147	153	120	114	90	99	16
Percentage		100.0	2.8	19.3	20.1	15.8	15.0	11.8	13.0	2.1
North Carolina	73	70	1	1	11	17	26	7	5	2
Percentage		100.0	1.4	1.4	15.7	24.3	37.1	10.0	7.1	2.9
North Dakota	95	54	11	15	16	5	4	0	2	1
Percentage		100.0	20.4	27.8	29.6	9.3	7.4		3.7	1.9
Ohio	250	250	0	3	26	35	60	86	38	2
Percentage		100.0		1.2	10.4	14.0	24.0	34.4	15.2	0.8
Oklahoma	106	101	1	17	16	20	24	18	4	1
Percentage		100.0	1.0	16.8	15.8	19.8	23.8	17.8	4.0	1.0
Oregon	125	123	9	20	24	23	23	23	1	0
Percentage		100.0	7.3	16.3	19.5	18.7	18.7	18.7	0.8	
Pennsylvania	445	445	12	36	84	130	86	61	35	1
Percentage		100.0	2.7	8.1	18.9	29.2	19.3	13.7	7.9	0.2
Rhode Island	51	45	0	1	13	10	6	6	9	0
Percentage		100.0		2.2	28.9	22.2	13.3	13.3	20.0	
South Carolina	40	40	0	2	17	14	2	4	1	0
Percentage		100.0		5.0	42.5	35.0	5.0	10.0	2.5	
South Dakota	117	112	24	39	20	10	6	7	6	0
Percentage		100.0	21.4	34.8	17.9	8.9	5.4	6.3	5.4	
Tennessee	135	134	2	8	24	35	42	16	5	2
Percentage		100.0	1.5	6.0	17.9	26.1	31.3	11.9	3.7	1.5
Texas	478	478	8	10	110	112	156	61	15	6
Percentage		100.0	1.7	2.1	23.0	23.4	32.6	12.8	3.1	1.3
Utah	69	69	9	12	17	9	8	10	4	0
Percentage		100.0	13.0	17.4	24.6	13.0	11.6	14.5	5.8	
Vermont	205	203	61	64	37	22	13	4	2	0
Percentage		100.0	30.0	31.5	18.2	10.8	6.4	2.0	1.0	
Virginia	90	90	0	0	7	24	29	21	9	0
Percentage		100.0			7.8	26.7	32.2	23.3	10.0	

See footnotes at end of table.

Table 13.--Number and percentage of public libraries by state and range of average number of weekly public service hours* per outlet**: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	Public libraries responding to public service hours	Average number of weekly public service hours* per outlet** 0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or more
Washington	70	69	8	11	11	17	9	7	6	0
Percentage		100.0	11.6	15.9	15.9	24.6	13.0	10.1	8.7	
West Virginia	98	98	0	3	7	40	35	10	3	0
Percentage		100.0		3.1	7.1	40.8	35.7	10.2	3.1	
Wisconsin	377	377	21	54	91	55	57	66	31	2
Percentage		100.0	5.6	14.3	24.1	14.6	15.1	17.5	8.2	0.5
Wyoming	23	23	0	4	8	5	5	1	0	0
Percentage		100.0		17.4	34.8	21.7	21.7	4.3		

* The formula (total annual public service hours / (number of outlets per public library X 52)) has been applied to convert the reported total annual public service hours data element to weekly public service hours per outlet.
** Outlets include central/main, branches, and bookmobiles but exclude other outlets.
***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 13A.--Number and percentage of public libraries by size of population of legal service area and range of average number of weekly public service hours* per outlet**: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	Public libraries responding to public service hours	Average number of weekly public service hours* per outlet**: 0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or more
Total***	8,978	8,671	487	1,248	1,752	1,681	1,572	1,190	635	106
Percentage		100.0	5.6	14.4	20.2	19.4	18.1	13.7	7.3	1.2
1,000,000 or more	20	19	1	0	2	8	5	2	0	1
Percentage		100.0	5.3		10.5	42.1	26.3	10.5		5.3
500,000 to 999,999	50	45	3	1	1	8	17	12	3	0
Percentage		100.0	6.7	2.2	2.2	17.8	37.8	26.7	6.7	
250,000 to 499,999	83	81	8	1	3	15	25	18	7	4
Percentage		100.0	9.9	1.2	3.7	18.5	30.9	22.2	8.6	4.9
100,000 to 249,999	291	273	6	13	32	65	81	47	24	5
Percentage		100.0	2.2	4.8	11.7	23.8	29.7	17.2	8.8	1.8
50,000 to 99,999	499	468	5	25	73	112	101	64	63	25
Percentage		100.0	1.1	5.3	15.6	23.9	21.6	13.7	13.5	5.3
25,000 to 49,999	851	821	10	27	90	142	148	186	181	37
Percentage		100.0	1.2	3.3	11.0	17.3	18.0	22.7	22.0	4.5
10,000 to 24,999	1,638	1,593	13	45	134	249	355	499	274	24
Percentage		100.0	0.8	2.8	8.4	15.6	22.3	31.3	17.2	1.5
5,000 to 9,999	1,455	1,429	14	64	188	372	454	263	68	6
Percentage		100.0	1.0	4.5	13.2	26.0	31.8	18.4	4.8	0.4
2,500 to 4,999	1,384	1,366	25	154	422	411	261	79	13	1
Percentage		100.0	1.8	11.3	30.9	30.1	19.1	5.8	1.0	0.1
1,000 to 2,499	1,667	1,637	138	488	653	247	92	16	2	1
Percentage		100.0	8.4	29.8	39.9	15.1	5.6	1.0	0.1	0.1
1 to 999	951	906	257	424	149	48	26	2	0	0
Percentage		100.0	28.4	46.8	16.4	5.3	2.9	0.2		
Nonresponse*/	89	33	7	6	5	4	7	2	0	2
Percentage		100.0	21.2	18.2	15.2	12.1	21.2	6.1		6.1

* The formula (total annual public service hours / (number of outlets per public library X 52)) has been applied to convert the reported total annual public service hours data element to weekly public service hours per outlet.

** Outlets include central/main, branches, and bookmobiles but exclude other outlets.

***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

*/ Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 14.--Total and per capita* population of legal service area annual attendance in library and annual reference transactions in public libraries by state: 50 states and the District of Columbia, 1990

State	Number of public libraries	- Attendance in library** - Responding libraries	Total	-- Reference transactions - Responding libraries	Total
Total***	8,978	6,110	506,863,503	7,248	201,414,485
Per capita			3.13		0.92
Alabama	206	0	-	180	2,024,470
Per capita					0.53
Alaska	81	76	2,151,887	71	381,549
Per capita			4.27		0.78
Arizona	91	70	8,964,234	76	2,328,864
Per capita			3.22		0.82
Arkansas	37	32	4,308,035	29	495,552
Per capita			1.97		0.26
California	168	117	1,845,728	166	41,600,554
Per capita			0.12		1.45
Colorado	124	116	11,740,196	116	2,918,538
Per capita			3.56		0.98
Connecticut	194	47	6,539,774	144	2,779,570
Per capita			4.73		0.94
Delaware	29	29	1,716,628	29	304,160
Per capita			2.51		0.45
District of Columbia	1	1	2,287,346	1	858,546
Per capita			3.67		1.38
Florida	119	66	25,503,617	83	14,628,881
Per capita			2.84		1.26
Georgia	53	52	14,985,864	53	3,563,528
Per capita			2.28		0.54
Hawaii	1	1	3,327,896	1	1,051,908
Per capita			2.99		0.95
Idaho	107	92	3,429,500	89	701,950
Per capita			4.74		0.94
Illinois	603	0	-	603	10,046,975
Per capita					0.99
Indiana	238	198	21,278,556	196	4,298,164
Per capita			5.10		0.92

See footnotes at end of table.

Table 14.--Total and per capita* population of legal service area annual attendance in library and annual reference transactions in public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	- Attendance in library** - Responding libraries	Total	-- Reference transactions - Responding libraries	Total
Iowa	500	457	11,999,331	428	1,581,356
Per capita			4.77		0.63
Kansas	318	299	8,550,932	287	291,893
Per capita			4.76		0.15
Kentucky	115	0	-	114	1,039,866
Per capita					0.29
Louisiana	64	51	5,436,270	58	2,154,790
Per capita			2.00		0.53
Maine	238	151	2,540,114	140	447,616
Per capita			3.88		0.70
Maryland	24	0	-	0	-
Per capita					
Massachusetts	374	44	16,356,623	54	4,138,547
Per capita			14.85*/		2.66
Michigan	376	276	18,763,386	289	5,304,006
Per capita			3.30		0.72
Minnesota	130	103	15,613,022	99	5,117,641
Per capita			4.11		1.32
Mississippi	46	45	5,249,627	46	936,226
Per capita			2.13		0.36
Missouri	155	114	11,467,250	113	1,725,625
Per capita			3.62		0.54
Montana	82	75	1,846,300	72	375,526
Per capita			2.46		0.62
Nebraska	264	194	4,024,637	162	524,344
Per capita			4.31		0.61
Nevada	26	13	585,865	26	722,420
Per capita			2.58		0.54
New Hampshire	228	197	4,186,400	182	541,113
Per capita			4.12		0.55
New Jersey	311	294	31,006,942	293	5,325,651
Per capita			4.04		0.69

See footnotes at end of table.

Table 14.--Total and per capita* population of legal service area annual attendance in library and annual reference transactions in public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	- Attendance in library** - Responding libraries	Total	-- Reference transactions - Responding libraries	Total
New Mexico	68	41	3,035,084	39	702,328
Per capita			3.04		0.69
New York	760	644	63,523,668	672	19,795,173
Per capita			3.74		1.13
North Carolina	73	63	12,167,143	72	4,596,835
Per capita			2.32		0.68
North Dakota	95	40	1,339,491	37	251,485
Per capita			3.32		0.60
Ohio	250	193	41,936,284	216	15,004,080
Per capita			4.73		1.57
Oklahoma	106	100	7,530,016	101	1,764,070
Per capita			2.76		0.65
Oregon	125	69	5,147,538	92	1,592,022
Per capita			3.10		0.71
Pennsylvania	445	354	17,798,350	399	6,880,143
Per capita			2.67		0.64
Rhode Island	51	42	4,366,874	43	14,172
Per capita			3.63		0.01
South Carolina	40	23	3,702,223	39	1,229,915
Per capita			1.50		0.35
South Dakota	117	105	2,101,537	91	255,620
Per capita			4.71		0.51
Tennessee	135	132	10,750,792	132	1,963,624
Per capita			2.22		0.41
Texas	478	404	32,258,145	438	12,679,204
Per capita			2.57		0.91
Utah	69	47	6,557,081	44	1,118,466
Per capita			4.74		0.79
Vermont	205	87	1,486,551	52	219,596
Per capita			4.10		0.80
Virginia	90	56	12,954,219	78	5,412,316
Per capita			4.02		0.97

See footnotes at end of table.

Table 14.--Total and per capita* population of legal service area annual attendance in library and annual reference transactions in public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of public libraries	- Attendance in library**- Responding libraries	Total	-- Reference transactions - Responding libraries	Total
Washington	70	49	9,049,833	48	3,936,776
Per capita			4.44		1.16
West Virginia	98	97	5,661,500	97	1,141,494
Per capita			3.00		0.61
Wisconsin	377	354	19,791,214	358	4,647,337
Per capita			5.00		0.97
Wyoming	23	0	-	0	-
Per capita					

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita Figures.
** NCES standards note that variables with more than 30 percent missing data should not be used in analysis. The nationwide item nonresponse rate for attendance in libraries exceeded this standard.
***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
*/ Attendance in library appears high due to low response rate and the calculation of per capita using the accumulated population (for additional information refer to Caveats for Using these Data - Per Capita Figures).

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 14A.--Total and per capita* population of legal service area annual attendance in library and annual reference transactions in public libraries by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of public libraries	- Attendance in library** - Responding libraries	Total	-- Reference transactions - Responding libraries	Total
Total***	8,978	6,110	506,863,503	7,248	201,414,485
Per capita			3.13		0.92
1,000,000 or more	20	13	44,190,918	18	57,760,267
Per capita			2.26		1.81
500,000 to 999,999	50	26	46,864,191	39	30,508,039
Per capita			2.73		1.12
250,000 to 499,999	83	56	51,097,283	72	22,273,970
Per capita			2.64		0.90
100,000 to 249,999	291	221	89,432,547	274	29,047,626
Per capita			2.70		0.70
50,000 to 99,999	499	344	79,816,815	440	22,012,040
Per capita			3.28		0.71
25,000 to 49,999	851	533	71,403,441	724	15,355,994
Per capita			3.80		0.61
10,000 to 24,999	1,638	1,029	68,301,792	1,365	12,855,898
Per capita			4.20		0.59
5,000 to 9,999	1,455	992	29,768,310	1,177	7,610,133
Per capita			4.15		0.89
2,500 to 4,999	1,384	1,013	14,499,553	1,158	2,336,323
Per capita			3.94		0.56
1,000 to 2,499	1,667	1,185	8,841,702	1,302	1,306,528
Per capita			4.45		0.60
1 to 999	951	673	2,385,755	652	302,262
Per capita			6.01		0.76
Nonresponse*/	89	25	261,196	27	45,405
Per capita					

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita Figures.

** NCES standards note that variables with more than 30 percent missing data should not be used in analysis. The nationwide item nonresponse rate for attendance in libraries exceeded this standard.

***Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

*/ Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 15.--Annual circulation and interlibrary loans per capita* for public libraries by state: 50 states and the District of Columbia, 1990

State	Number of libraries	Circulation		Interlibrary loans Out		Interlibrary loans In	
		Responding libraries	Total	Responding libraries	Total	Responding libraries	Total
Total**	8,978	8,693	1,394,887,374	7,932	4,574,658	7,997	5,358,175
Per capita			5.75		0.02		0.02
Alabama	206	200	15,850,473	172	71,611	182	92,373
Per capita			3.95		0.02		0.02
Alaska	81	79	3,098,729	79	12,150	79	24,304
Per capita			6.12		0.02		0.05
Arizona	91	89	21,228,979	83	59,148	90	60,549
Per capita			5.82		0.02		0.02
Arkansas	37	34	8,784,954	34	20,099	34	30,602
Per capita			3.95		0.01		0.01
California	168	166	144,447,249	166	254,734	166	284,147
Per capita			5.04		0.01		0.01
Colorado	124	122	21,247,975	122	114,898	122	96,664
Per capita			6.45		0.03		0.03
Connecticut	194	177	22,631,324	166	79,891	171	105,569
Per capita			6.50		0.02		0.03
Delaware	29	29	2,608,812	29	8,213	29	9,526
Per capita			3.82		0.01		0.01
District of Columbia	1	1	2,070,739	1	4,640	1	137
Per capita			3.33		0.01		0.00***
Florida	119	106	52,611,138	105	76,997	106	148,965
Per capita			4.27		0.01		0.01
Georgia	53	53	24,428,797	53	16,476	53	20,703
Per capita			3.68		0.00*		0.00***
Hawaii	1	1	6,225,224	1	718	1	420
Per capita			5.60		0.00***		0.00***
Idaho	107	103	5,839,932	104	15,848	104	29,390
Per capita			7.12		0.02		0.04
Illinois	603	603	69,301,179	0	-	0	-
Per capita			6.85				
Indiana	238	236	44,098,156	236	80,841	236	81,506
Per capita			8.42		0.02		0.02

See footnotes at end of table.

Table 15.--Annual circulation and interlibrary loans per capita* for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of libraries	Circulation		Interlibrary loans Out		Interlibrary loans In	
		Responding libraries	Total	Responding libraries	Total	Responding libraries	Total
Iowa	500	498	22,589,435	500	81,709	500	97,276
Per capita			8.33		0.03		0.04
Kansas	318	311	16,538,417	310	108,340	313	106,208
Per capita			8.31		0.05		0.05
Kentucky	115	115	17,781,463	115	13,451	115	37,754
Per capita			4.91		0.00***		0.01
Louisiana	64	63	17,484,964	64	41,603	64	90,956
Per capita			4.20		0.01		0.02
Maine	238	234	6,770,307	231	32,955	231	35,976
Per capita			6.73		0.03		0.04
Maryland	24	24	44,100,048	0	-	0	-
Per capita			9.63				
Massachusetts	374	341	36,944,008	342	172,985	342	196,633
Per capita			5.94		0.03		0.03
Michigan	376	369	44,716,146	346	262,343	350	274,192
Per capita			4.82		0.03		0.03
Minnesota	130	130	39,337,847	130	177,174	130	249,513
Per capita			9.00		0.04		0.06
Mississippi	46	46	7,849,653	46	9,792	46	33,445
Per capita			2.98		0.00***		0.01
Missouri	155	136	30,409,756	140	40,708	140	47,593
Per capita			6.84		0.01		0.01
Montana	82	75	3,849,249	76	19,277	76	33,805
Per capita			5.06		0.03		0.04
Nebraska	264	243	9,924,812	241	55,456	246	50,626
Per capita			7.63		0.04		0.04
Nevada	26	26	5,004,097	13	6,830	13	8,996
Per capita			3.75		0.03		0.04
New Hampshire	228	221	7,256,231	222	27,029	222	37,008
Per capita			6.54		0.02		0.03
New Jersey	311	299	39,264,793	299	232,044	300	198,901
Per capita			5.12		0.03		0.03

See footnotes at end of table.

Table 15.--Annual circulation and interlibrary loans per capita* for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of libraries	Circulation		Interlibrary loans Out		Interlibrary loans In	
		Responding libraries	Total	Responding libraries	Total	Responding libraries	Total
New Mexico	68	63	7,006,262	64	11,497	64	21,124
Per capita			5.94		0.01		0.02
New York	760	760	113,607,622	754	1,051,871	759	1,010,761
Per capita			6.47		0.06		0.06
North Carolina	73	73	31,207,603	73	43,341	73	89,154
Per capita			4.60		0.01		0.01
North Dakota	95	54	2,882,427	55	8,382	54	16,698
Per capita			6.13		0.02		0.04
Ohio	250	250	110,703,857	222	167,780	236	179,997
Per capita			10.21		0.02		0.02
Oklahoma	106	101	15,078,132	101	23,430	101	56,612
Per capita			5.53		0.01		0.02
Oregon	125	125	21,314,362	118	127,278	123	166,136
Per capita			8.21		0.05		0.06
Pennsylvania	445	445	46,306,455	445	213,643	445	261,804
Per capita			4.04		0.02		0.02
Rhode Island	51	46	5,749,558	46	34,127	46	36,477
Per capita			4.59		0.03		0.03
South Carolina	40	40	11,341,280	38	4,643	38	24,153
Per capita			3.25		0.00***		0.01
South Dakota	117	111	3,833,451	110	10,192	110	27,280
Per capita			6.82		0.02		0.06
Tennessee	135	135	16,854,652	135	33,233	135	44,322
Per capita			3.46		0.01		0.01
Texas	478	473	63,959,816	474	159,884	478	195,453
Per capita			4.13		0.01		0.01
Utah	69	68	12,870,510	69	11,336	68	20,532
Per capita			7.48		0.01		0.01
Vermont	205	161	3,011,701	154	3,656	154	32,233
Per capita			5.62		0.01		0.06
Virginia	90	90	40,730,348	90	26,059	90	40,904
Per capita			6.93		0.00***		0.01

See footnotes at end of table.

Table 15.--Annual circulation and interlibrary loans per capita* for public libraries by state: 50 states and the District of Columbia, 1990--Continued

State	Number of libraries	Circulation		Interlibrary loans Out		Interlibrary loans In	
		Responding libraries	Total	Responding libraries	Total	Responding libraries	Total
Washington	70	70	43,933,078	67	83,714	69	106,319
Per capita			9.46		0.02		0.02
West Virginia	98	98	7,953,145	95	15,103	97	26,195
Per capita			4.08		0.01		0.01
Wisconsin	377	377	38,292,185	373	437,813	372	497,129
Per capita			7.83		0.09		0.10
Wyoming	23	23	3,956,044	23	9,716	23	21,155
Per capita			8.72		0.02		0.05

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita Figures.
** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.
*** When per capita value is less than .01 the value is rounded to 0.00. This value does not represent a true zero.

Note: "-" - Individual public library data not reported for this cell.
Note: "0" - Individual public libraries reported zero for this cell.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

Table 15A.--Annual circulation and interlibrary loans per capita* for public libraries by size of population of legal service area: 50 states and the District of Columbia, 1990

Population of legal service area	Number of libraries	Circulation		Interlibrary loans Out		Interlibrary loans In	
		Responding libraries	Total	Responding libraries	Total	Responding libraries	Total
Total**	8,978	8,693	1,394,887,374	7,932	4,574,658	7,997	5,358,175
Per capita			5.59		0.02		0.02
1,000,000 or more	20	20	120,686,213	19	369,585	19	146,372
Per capita			3.52		0.01		0.00***
500,000 to 999,999	50	50	210,535,168	45	343,779	45	250,135
Per capita			6.13		0.01		0.01
250,000 to 499,999	83	83	147,378,573	81	806,191	81	344,741
Per capita			5.12		0.03		0.01
100,000 to 249,999	291	290	237,225,642	276	758,228	280	682,413
Per capita			5.44		0.02		0.02
50,000 to 99,999	499	493	185,478,833	458	650,611	459	603,754
Per capita			5.36		0.02		0.02
25,000 to 49,999	851	844	182,919,902	769	608,587	772	861,370
Per capita			6.19		0.02		0.03
10,000 to 24,999	1,638	1,613	174,286,580	1,462	607,167	1,477	1,076,444
Per capita			6.82		0.03		0.05
5,000 to 9,999	1,455	1,435	73,833,771	1,301	227,927	1,319	599,856
Per capita			7.09		0.02		0.06
2,500 to 4,999	1,384	1,364	35,120,513	1,225	97,521	1,236	409,599
Per capita			7.09		0.02		0.09
1,000 to 2,499	1,667	1,608	20,775,149	1,447	46,729	1,455	280,607
Per capita			7.72		0.02		0.11
1 to 999	951	862	5,279,825	816	11,415	821	94,168
Per capita			10.04		0.02		0.19
Nonresponse*/	89	31	1,367,205	33	46,918	33	8,716
Per capita			-		-		-

* Per capita figures have been calculated differently in base and A tables. For additional information refer to Caveats for Using these Data - Per Capita figures.

** Totals for collected variables may be underestimated because some public libraries have not responded and numbers have not been adjusted.

***When per capita value is less than .01 the value is rounded to 0.00. This value does not represent a true zero.

*/ Data in the first cell of this row represent nonresponse to population of the legal service area. Of those, some public libraries responded to other variable(s) in this table. These data are included in the remaining cells of the row. For population of the legal service area zero is included as a nonresponse.

Note: "-" - Individual library data not reported in this category.

Source: Public Libraries in the U.S.: 1990. Washington, D.C., 1992. Data submitted in July 1991 to NCES through the Federal-State Cooperative System for Public Library Data (FSCS).

APPENDIX A:

Background of the Federal-State Cooperative System (FSCS)

Background of the Federal-State Cooperative System (FSCS)

In 1985, a pilot project to collect public library data from 15 of 50 states was developed cooperatively by the National Center for Education Statistics (NCES) and the American Library Association (ALA) and jointly funded by NCES and the U.S. Department of Education's Library Programs (LP). The resulting report recommended expansion to all 50 states and the District of Columbia. A task force was formed, with the goal of developing a comprehensive national system of data on the status of U.S. public libraries. The legislative mandate for collecting public library statistics was included in the Hawkins-Stafford Elementary and Secondary School Improvement Amendments of 1988 (PL 100-297). Section 406, subparts a-g mandated the development and support of a voluntary Federal-State Cooperative System (FSCS) for the annual nationwide collection and dissemination of public library data.

FSCS has become a working network, allowing for close communication with the states through State Data Coordinators, appointed by each state's Chief Officer of the State Library Agency. NCES works closely with the National Commission on Libraries and Information Science (NCLIS), which has played a significant role in both the development and implementation of FSCS. NCES also works cooperatively with the Chief Officers of State Library Agencies (COSLA), ALA, and LP.

For the 1991 FSCS submission, NCES staff, in cooperation with State Data Coordinators, was responsible for ensuring the timeliness and quality of the states' submissions and compiling the data in both hard copy and data diskette formats. A training conference, sponsored by NCES and arranged by NCLIS, was held for the State Data Coordinators in December 1990. A Steering Committee that represented the State Data Coordinators and other public library constituents was active in the development of FSCS data elements, instruments, and software. The DECTOP software and manual were mailed to states for testing in May 1991. An Office of Management and Budget (OMB) clearance for this census was obtained and FY 90 data were formally requested from states in June 1991, with data closeout on July 31, 1991. Twenty-six states submitted their data by July 31, 1991, and the last state submitted its data in November 1991. The FSCS Steering Committee and NCES worked cooperatively on non-response followup and technical assistance in August and September, 1991. The FSCS Steering Committee also assisted NCES with data review, and consulted with NCES on analysis, publication, and dissemination issues, and the annual training conference. Several FSCS Steering Committee meetings were held, arranged by NCLIS, under NCES auspices. Technical assistance to states was provided by phone and in person by State Data Coordinators and by NCES staff and contractors.

FSCS is an example of the synergy that can result from combining federal and state cooperation with state-of-the-art technology. FSCS was the first national NCES data collection in which the respondents supplied the information electronically, and in which data was also edited and tabulated completely in machine-readable form.

Today, these data provide the only current, national descriptive data on the status of nearly 9,000 public libraries. They are used by federal, state, and local officials, professional associations, and local practitioners for planning, evaluation, and policy making. These data are also valuable to researchers and educators for developing conclusions concerning the state of public libraries.

Plans for the Library Statistics Program

NCES plans to continue collecting public library data through FSCS. 1991 data will be collected in July 1992 and is scheduled for release in Spring 1993. NCES is also working to improve data quality through a definitions project, improved instruction manuals, and improved training at state and local levels. Improved data dissemination is also a priority. To enhance FSCS, NCES has developed the first comprehensive, automated public library universe file, PLUS (public library universe system), to be made available in 1992. PLUS includes identifying information on every public library (including outlets), all state libraries, and some library systems and cooperatives. This resource will be used to improve FSCS data quality and beginning in FY 93 for drawing samples for surveys of topical interest in public libraries. FSCS plans to merge DECTOP and PLUS for the collection of 1992 data.

NCES also hopes to produce more analyses of the FSCS data including measures of change and regional, size, and input/output comparisons. In addition, surveys of state library agencies and federal libraries are in development.

Academic and School Library Data

NCES also collects and disseminates statistical information on academic and elementary and secondary school libraries. Data on about 4,000 academic libraries is disseminated on a 2 year cycle, with publication of 1990 data expected in Spring 1992. A small amount of data on school libraries was collected under the Schools and Staffing Survey (SASS), with publication of academic year 1990-91 data expected in late 1992. More comprehensive questionnaires have been developed on school library media centers and school library media specialists. This survey will be conducted as part of the 1993 SASS, released in 1994 and repeated every 4 years. Additional information on the academic and school library surveys may be obtained from Jeffrey Williams, Postsecondary Education Statistics Division, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208-5652; Telephone (202) 219-1362.

APPENDIX B:

Data Error Messages and Historical Data Check Criteria

DATA ERROR MESSAGES AND HISTORICAL DATA CHECK CRITERIA

DATA ERROR MESSAGES

NO.	ERROR MESSAGE	ERROR CONDITION(S)
00	No Library ID# provided	The item is blank. DECTOP will automatically assign a system generated LIB ID#.
01	Library name is missing	This item is a non-response or is all zeroes.
02	Address is incomplete	This item is a non-response or is all zeroes.
03	Zip code not valid	This item is a non-response, is all zeroes, or has an embedded blank.
04	Zip + 4 not valid	This item is a non-response, is all zeroes, or has an embedded blank.
05	Telephone number not valid	This item is a non-response, is all zeroes, or has an embedded blank.
06	Population of Legal Service Area not valid	This item is a non-response, is all zeroes, or has an embedded blank.
07	No service outlets are shown	The sum of 'centrals' + 'branches' + 'bookmobiles' is 0.
08	Only one service outlet shown and it is not a Central	Only one service outlet is shown and it is not a central library.
09	ALA-MLS blank	The item is missing.
10	Total librarians blank	The item is missing.
11	Other paid employees blank	The item is missing.
12	Total paid employees blank	The item is missing. If both parts are shown, the total is automatically generated.

13	ALA-MLS > Total librarians	Number of ALA-MLS is greater than total librarians.
14	Local government income blank	The item is missing.
15	State government income blank	The item is missing.
16	Federal government income blank	The item is missing.
17	Other income blank	The item is missing.
18	Total operating income blank	The item is 0 or missing. If the sum of all four parts are greater than zero,, the total is automatically generated.
19	Total operating income not equal to the sum of the parts	All parts are non-responsive If some of the parts are non-responsive, but the total still adds,, the non-response codes are changed to zeroes. If the difference in addition is only $1.00,, the total field is changed.
20	Other income > 15% of total operating income	Other income greater than 15% of the total operating income check Other Income definitions.
21	Salaries and wages blank	The item is missing.
22	Employee benefits blank	The item is missing.
23	Total staff expenditures not shown	The item is 0 or missing. If both parts are greater than zero, the total is generated.
24	Total staff expenditures not equal to the sum of the parts	Both parts are non-responsive. If only one of the parts is non-responsive, and the total is the same as the other, the -1 or -2 is change to 0. If the difference in addition is only $1.00,, the total field is changed.
25	Total expenditures on collection blank	The item is missing.

26 All other operating expenditures blank	The item is missing.
27 Total operating expenditures not shown	The item is missing.
28 Total operating expenditures not equal to the sum of the parts	The item is 0 or missing. If one or two of the parts are non-responsive, and the total still is additive, then the -1's and -2's are changed to 0's. If the difference in addition is only $1.00, the total is changed.
29 Total operating income < 75% of total operating expenditures	Total operating income is less than 75% of total operating expenditures.
30 Total operating expenditures < 75% of total operating income	Total operating expenditures is less than 75% of total operating income.
31 Capital outlay blank	The item is missing.
32 Book and serial volumes not shown	The item is 0 or missing.
33 Audio materials blank	The item is missing.
34 Films blank	The item is missing.
35 Video materials blank	The item is missing.
36 Current serial subscriptions blank	The item is missing.
37 Total annual public service	The item is 0 or missing. hours not shown
38 Average public service hours per outlet per week is less than 10	This item divided by 52 (convert annual to weekly),then divided by the total number of outlets (the sum of central libraries, branch libraries, bookmobiles and other outlets) is less than 10.0.

39	Average public service hours per outlet per week is more than 75	This item divided by 52 then divided by the total number of outlets (the sum of central libraries, branch libraries and bookmobiles) is more than 75.0.
40	Annual attendance in library not shown	The item is 0 or missing.
41	Annual reference transactions not shown	The item is 0 or missing.
42	Annual reference transactions /attendance > 1.0	Reference transactions per attendance is greater than 1.0.
43	Total circulation transactions not shown	The item is 0 or missing.
44	Total circulation transactions /Population of Legal Service Area < 1.0	Total circulation transactions per Population of Legal Service is less than 1.0.
45	Total circulation transaction /Population of Legal Service Area > 20.0	Total circulation transactions per Population of Legal Service Area is greater than 20.0.
46	Total circulation transactions /annual attendance < 0.5	Total circulation transactions per annual attendance is below 0.5.
47	Total circulation transaction/ annual attendance > 6.0	Total circulation transactions per annual attendance is above 6.0.
48	Interlibrary loans to other libraries blank	The item is missing.
49	Interlibrary loans from other libraries blank	The item is missing.
50	Negative number less than -2 not acceptable	The numeric entry is less than -2. As previously stated, -1 is used to denote not collected, not available or not reported, and -2 represents not user entered.

51 Invalid number or character	An invalid number or character was entered.
52 No longer used.	No longer used.
53 No longer used.	No longer used.
54 No longer used.	No longer used.
55 No longer used.	No longer used.
56 No longer used.	No longer used.
57 Out of range from last year's data	The change in your data for a particular data element from last year to this year has been determined to be out of an acceptable range. See Historical Data Check for more information.

HISTORICAL DATA CHECK CRITERIA

#	DATA ELEMENT	ACCEPTABLE RANGE (Inclusive)
08	Population of Legal Service Area	+25% to -10%
09	Centrals	+1 or -1
10	Branches	+2 or -2 AND +15% to -15%
11	Bookmobiles	+2 or -2 AND +15% to -15%
12	Other Outlets	+2 or -2 AND +30% to -30%
13	ALA-MLS	+2 or -2 AND +30% to -30%
14	Total Librarians	+2 or -2 AND +30% to -30%
15	Other Paid Employees	+2 or -2 AND +30% to -30%
16	TOTAL PAID EMPLOYEES	+2 or -2 AND +30% to -30%
17	Local Government	+25% to -10%
18	State Government	+40% to -40%
19	Federal Government	No criterion
20	Other Income	No criterion
21	TOTAL INCOME	+25% to -10%
22	Salary & Wages Exp	+20% to -20% if within +0.5 to -0.5 FTE on Data Element #16. Otherwise, no criterion
23	Employee Benefits	+20% to -20% if within +0.5 to -0.5 FTE on Data Element #16. Otherwise, no criterion
24	TOTAL STAFF EXP	+20% to -20% if within +0.5 to -0.5 FTE on Data Element #16. Otherwise, no criterion
25	Collection Exp	+30% to -15%
26	Other Operating Exp	+40% to -10%
27	TOTAL OPERATING EXP	+30% to -10%

28	Capital Outlay	No criterion
29	Book/Serial Volume	+15% to -5%
30	Audio	+40% to -10%
31	Films	+15% to -30%
32	Video	+75% to -10%
33	Subscriptions	+30% to -10%
34	Unduplicated Hrs	No longer collected
35	Public Serv Hrs/Yr	No criterion
36	Attendance	No criterion
37	In-library Use	No criterion
38	Reference Transactions	No criterion
39	Total Circulation	+25% to -10%
40	Loan To	No criterion
41	Loan From	No criterion

APPENDIX C:

Nationwide Item Non-response Chart

NATIONWIDE ITEM NON-RESPONSE CHART

FSCS Data Element	Percent of Item Non-Response
Population of Legal Service Area	1.2
Service Outlets	
Central Libraries	0.8
Branch Libraries	0.8
Bookmobiles	0.8
Other Outlets	13.0
Full-time Equivalent Staff	
Paid ALA-MLS	11.8
Total Paid Librarians	4.9
Other Paid Staff	4.9
Total Paid Staff	2.7
Operating Income	
Local Income	2.4
State Income	1.8
Federal Income	3.9
Other Income	2.6
Total Income	2.4
Operating Expenditures	
Salaries & Wages	9.4
Employee Benefits	9.4
Total Staff Expenditures	2.6
Collection Expenditures	2.6
Other Operating Expenditures	2.5
Total Operating Expenditures	2.4
Capital Outlay	4.9
Library Collection	
Book/Serial Volumes	2.9
Audio Materials	4.1
Films	14.0
Video Materials	11.3
Serial Subscriptions	2.9
Services	
Public Service Hours	3.4
Attendance in Library	31.6
Reference Transactions	19.5
Total Circulation	3.1
Inter-Library Loans Out	11.6
Inter-Library Loans In	10.8

Source: Analysis of missing value patterns for FSCS Steering Committee. Walter E. Terrie, Ph.D.. November 1991.

Note: The percentage given under the heading item non-response are the percentage of public libraries nationwide which did not respond to the FSCS data element. It is not the percentage of states that did not respond.

APPENDIX D:

Data Element Specifications for 1990

DATA ELEMENT SPECIFICATIONS FOR 1990

#	DATA ELEMENT	WIDTH	FIELD TYPE/ DECIMALS	DATA ELEMENT SPECIFICATIONS
01	Lib Id#	20	Alpha	This is the State-assigned identification number for the public library record.
02	Name	45	Alpha	This is the name of the library.
03	Address	35	Alpha	This is the complete street address of the library.
04	City	17	Alpha	This is the city or town of the library.
05	Zip1	5	Alpha	This is the standard five-digit postal zip code.
06	Zip2	4	Alpha	This is the four-digit postal zip code extension for the new nine-digit zip code system.
07	Phone	10	Alpha	This is the telephone number of the library, including area code.
POPULATION				
08	Population of Legal Service Area	9	Numeric/0	This is the number of people in the geographic area for whom a public library has been established to offer services and from whom (or on behalf of whom) the library derives income plus any areas served under contract for which the library is the primary service provider. The determination of this population figure is the responsibility of the State Library Agency.

SERVICE OUTLETS

09	Centrals	3	Numeric/0	This is the single unit library or the unit where the principal collections are kept and handled; also called "main library." Some county, multi-county, and regional library systems may not have a central library. Some systems may have an administrative center which is separate from the principal collections and is not open to the public. This type of building is not reported.
10	Branches	3	Numeric/0	These are auxiliary units which have all of the following: (1) separate quarters; (2) a permanent basic collection of books; (3) a permanent paid staff; and (4) a regular schedule for opening to the public. They are, however, administered from a central unit. Regional or divisional centers are counted as branches.
11	Bookmobiles	3	Numeric/0	These are trucks or vans specially equipped to carry books and other library materials; they serve as traveling branch libraries. Vehicles in use are counted, rather than the number of stops the vehicle makes.
12	Other Outlets	3	Numeric/0	Examples are outlets in senior citizen centers, day care centers, jails, or other organizations or institutions with small and frequently changed collections of books and other library materials.

FULL-TIME EQUIVALENTS STAFF

Report figures as of the last day of the fiscal year. Include unfilled but budgeted positions. To ensure comparable data, 40 hours per week has been set as the measure of full-time employment (FTE) for the Cooperative System.

13	ALA-MLS	9	Numeric/2	These are paid librarians with a master of library science degree from programs accredited by the ALA. This category excludes all other librarians. This category is reported in FTE.
14	Total Librarians	9	Numeric/2	This is a person who does paid work that requires professional training and skill in the theoretical or scientific aspects of library work, or both, as distinct from its mechanical or clerical aspect. This data element also includes ALA-MLS (Data Element #13). This category is reported in FTE.
15	Other Paid Employees	10	Numeric/2	This includes all other FTE employees paid from the reporting unit budget, including plant operations, security, and maintenance staff.
16	Total Paid Employees	10	Numeric/2	This is the sum of total librarians (Data Element #14) and all other paid staff (Data Element #15).

OPERATING INCOME

Report income used for operating expenditures as defined below. Include Federal, State, or other grants other than those for major capital expenditures. DO NOT include income for major capital expenditures, contributions to endowments, income passed through to another agency (e. g. fines), or funds unspent in the previous fiscal year.

17	Local Government	9	Numeric/0	This includes all tax and non-tax receipts designated by the community, district, or region of the public library and available for expenditure by the public library. It does not include the value of any contributed or in-kind services nor the value of any gifts and donations, fines, or fees.

18	State Government	9	Numeric/0	These are all funds distributed to public libraries by State government for expenditure by the public libraries, except for federal money distributed by the State. This includes funds from such sources as penal fines, license fees, mineral rights.
19	Federal Government	9	Numeric/0	This includes all federal government funds distributed to public libraries for expenditure by the public libraries, including federal money distributed by the State.
20	Other Income	9	Numeric/0	This is all income other than that reported in Data Elements #17, #18 and #19. Include, for example, gifts and donations received in the current year, interest, library fines, and fees for library services. Do not include the value of any contributed services or the value of "in-kind" gifts and donations.
21	Total Income	10	Numeric/0	This includes income from the local government, the State government, the federal government, and all other income (Data Elements #17 through #20).
OPERATING EXPENDITURES				
22	Salaries & Wages Exp	9	Numeric/0	This amount is the salary and wages for all library staff including plant operation, security and maintenance staff for the fiscal year. Include salaries and wages before deductions but exclude "employee benefits".
23	Employee Benefits	9	Numeric/0	These are the benefits outside of salaries and wages paid and accruing to employees including plant operations, security and maintenance staff, regardless of whether the benefits or equivalent

				cash options are available to all employees. Include amounts spent by the reporting unit for direct, paid employee benefits including Social Security, retirement, medical insurance, life insurance, guaranteed disability income protection, unemployment compensation, workmen's compensation, tuition, and housing benefits. Only that part of any employee benefits paid out of the public library budget should be reported.
24	Total Staff Exp	9	Numeric/0	This includes salaries and wages (Data Element #22), and employee benefits (Data Element #23).
25	Collection Exp	9	Numeric/0	This includes all expenditures for materials purchased or leased for use by the public. It includes print materials, microforms, machine-readable materials, audiovisual materials, etc.
26	Other Operating Exp	9	Numeric/0	This includes all expenditures other than those given above on staff (Data Element #24) and collection (Data Element #25).
27	Total Operating EXP	10	Numeric/0	This includes total expenditures on staff, total expenditures on collection, and other operating expenditures (Data Elements #24, #25 and #26).
CAPITAL OUTLAY				
28	Capital Outlay	9	Numeric/0	These are funds for the acquisition of or additions to fixed assets such as building sites, new buildings and building additions, new equipment (including major computer installations), initial book stock, furnishings for new or expanded buildings, and new vehicles. This excludes replacement and repair of

				existing furnishings and equipment, regular purchase of library materials, and investments for capital appreciation. Note that local accounting practices determine whether a specific item is a capital expense or an operating expense regardless of the examples in the definitions.
LIBRARY COLLECTION				
29	Book/Serial Volume	9	Numeric/0	Books are non-periodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; or juvenile non-periodical publications of any length bound in hard or soft covers. Serials are publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals (magazines), newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies. Except for the current volume, count unbound serials as volumes when the library has at least half of the issues in a publisher's volume.
30	Audio	9	Numeric/0	These are materials on which sounds (only) are stored (recorded) and that can be reproduced (played back) mechanically or electronically, or both. Included are records, audiocassettes, audio cartridges, audiodiscs, audioreels, talking books, and other sound recordings.
31	Films	9	Numeric/0	The term film is used interchangeably with "motion picture" which is a length of film, with or without recorded sound, bearing a sequence of still images that create the illusion of movement

				when projected in rapid successions (usually 18 or 24 frames per second). Motion pictures are produced in a variety of sizes (8, super 8, 16, 35, 55, and 70 mm) and in a variety of forms (cartridge, cassette, loop, and reel).
32	Video	9	Numeric/0	These are materials on which pictures, sound, or both are recorded. Electronic playback reproduces pictures, sounds, or both using a television receiver or monitor.
33	Subscriptions	9	Numeric/0	These include subscriptions received both purchased and gifts. This count does not include the number of individual issues but, rather each serial title. The total number of subscriptions in the library system, including duplicates, is reported.
34	Unduplicated Hrs	6	Blank	No Longer Collected

PUBLIC SERVICE HOURS

35	Public Serv Hrs/Yr	8	Numeric/0	This is the total annual public service hours for all outlets combined. Report the sum of all public service hours for all library facilities (including bookmobiles) for the entire year. For bookmobiles, report only the hours in which the bookmobile is open to the public. Do not include hours for deposit collections or other similar service outlets.

SERVICES

Notes for data elements #36 and #38:
If annual counts are available for Data Elements #36 and #38, please report them. Otherwise provide annual estimates based on a count taken during a typical week in October and then multiply by 52. A "typical week" is a time that is neither unusually busy or unusually slow. Avoid holiday times, vacation periods for key staff, days when unusual

events are taking place in the community or in the library. Choose a week in which the library is open its regular hours. Include seven consecutive calendar days, from Sunday through Saturday or whenever the library is usually open.

36	Attendance	9	Numeric/0	This is the total number of persons per year entering the library, including persons attending activities, meetings, and those persons requiring no staff services.
37	In-Library Use	9	Blank	No Longer Collected
38	Reference Transactions	9	Numeric/0	A reference transaction is an information contact which involves the knowledge, use, recommendations, interpretation or instruction in the use of one or more information sources by a member of the library staff. The term includes information and referral service. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogs and other holdings, records, and through communication or referral, other libraries and institutions and persons both inside and outside the library. When a staff member utilizes information gained from previous use of information sources to answer a question, report as a reference transaction even if the source is not consulted again during this transaction.

Note that it is essential that libraries do not include directional transactions in the report of reference transactions. A directional transaction is an information contact which facilitates the use of the library in which the contact occurs but does NOT involve the knowledge, use, recommendation, interpretation, or instruction in the use of any information sources other than those which describe that library, such as schedules, floor plans, handbooks, and policy statements. Examples of directional transactions include giving instruction for locating within the library, staff, library users, or physical features, etc., and giving assistance of a non-bibliographical nature with machines.

CIRCULATION

39 Total Circulation	9	Numeric/0	These are transactions that involve lending an item from the library's collection for use generally (although not always) outside the library. This activity includes charging materials manually or electronically. Each renewal is also reported as a circulation transaction. These data are reported as annual figures.

INTERLIBRARY LOANS

40 Loan To	6	Numeric/0	These are library materials, or copies of the materials, lent by one library to another upon request. The libraries involved in interlibrary loans are not under the same library administration. These data are reported as annual figures.
41 Loan From	6	Numeric/0	These are library materials, or copies of the materials, borrowed by one library from another library upon request. The libraries involved in interlibrary loans are not under the same library administration. These data are reported as annual figures.

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